

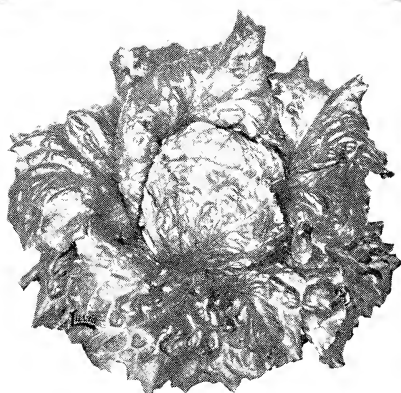
Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

Established 1885

LILLY'S

New
York
Lettuce



LILLY'S
Seattle
Strain

*527 Carloads
of this Lettuce shipped from Puget Sound to Eastern Markets in 1922*

SEEDS

SEATTLE

PORTLAND

1923

Nothing is more pleasing to the eye than green grasses kept finely shorn.—*Bacon.*

One pound of seed is sufficient for about three hundred square feet of new lawn.

Lawns

For practical advice on Lawn making, see Lilly's Crop Book—Free with orders on request.

MMUCH that is written on the subject of lawn making is hardly worth the cost of the paper it is printed on. With the prevailing ideal climatic conditions in the Northwest it is comparatively easy for every home lover to possess a green, velvety lawn. The first and most important essential is GOOD SEED, the next is the necessary fertilization and a little applied common sense in the matter of correct mowing and watering.

The undernoted mixtures are the result of many years continuous experience which with reasonable attention have given pleasing results to thousands of home owners. Remember without GOOD SEED all your labor will be wasted.

LILLY'S IMPORTED LAWN SEED

This mixture is composed of the very finest growing grasses which have been carefully chosen to suit the climatic and soil conditions on the Pacific Coast and will produce a firm, velvety, rich green turf of uniform color, which will remain green all the year.

It is the result of many years' practical experience and the best that money can buy.

Price, 1 lb., **50c**; 4-lb. package **\$1.90**, Postpaid. (Subject to change.)

LILLY'S NONPAREIL LAWN SEED

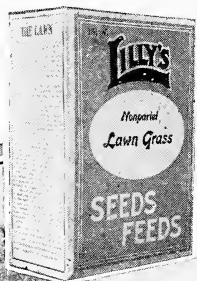
STANDARD FOR THE NORTHWEST

Nonpareil Lawn Grass Seed is a mixture of many suitable hardy grasses; scientifically selected to produce a green lawn all the year, and form a thick, matted turf with roots reaching far into the ground to withstand drought and prevent heaving in winter. Especially adapted to the Pacific Coast. It contains White Clover to make a quick showing and act as a nurse crop for the grasses.

The grasses are not so fine as those in our Imported Lawn Grass Mixture, but will produce a splendid lawn with less care.

Price, 1 lb., **45c**; 5 lbs. or more, **40c** per lb., Postpaid. (Subject to change.)

LILLY'S
Lawn
Grasses



Captivate
the
West

Beautify
Western
Homes

Make the
Garden
Bright

LILLY'S "MORCROP" is the best fertilizer for Lawns. Keeps the grass green. See pages 62-63.

PARCEL POST RATES

If goods are to be shipped by Parcel Post, except such as are listed in our catalog "postpaid," an amount sufficient to pay postage at the following rates must be remitted with orders.

On parcels weighing eight ounces or less, containing Books, Seeds, Cuttings, Bulbs, Roots, Scions, and Plants, the rate is one cent for each two ounces or fraction thereof, regardless of distance.

On parcels weighing four ounces or less, containing goods other than Books, Seeds, Bulbs, Roots, Scions, and Plants, the rate is one cent for each ounce or fraction thereof, any distance.

On other domestic parcel post matter the following zone rates and weights apply:

Weight Pounds	Local Handled through one P. O. or R. F. D. only.	ZONES							
		1st Under 50 miles	2nd 50 to 150 mi.	3rd 150 to 300 mi.	4th 300 to 600 mi.	5th 600 to 1000 mi.	6th 1,000 to 1400 mi.	7th 1400 to 1800 mi.	8th Over 1800 mi.
1	\$0.05	\$0.05	\$0.05	\$0.06	\$0.07	\$0.08	\$0.09	\$0.11	\$0.12
2	.06	.06	.06	.08	.11	.14	.17	.21	.24
3	.06	.07	.07	.10	.15	.20	.25	.31	.36
4	.07	.08	.08	.12	.19	.26	.33	.41	.48
5	.07	.09	.09	.14	.23	.32	.41	.51	.60
6	.08	.10	.10	.16	.27	.38	.49	.61	.72
7	.08	.11	.11	.18	.31	.44	.57	.71	.84
8	.09	.12	.12	.20	.35	.50	.65	.81	.96
9	.09	.13	.13	.22	.39	.56	.73	.91	1.08
10	.10	.14	.14	.24	.43	.62	.81	1.01	1.20
11	.10	.15	.15	.26	.47	.68	.89	1.11	1.32
12	.11	.16	.16	.28	.51	.74	.97	1.21	1.44
13	.11	.17	.17	.30	.55	.80	1.05	1.31	1.56
14	.12	.18	.18	.32	.59	.86	1.13	1.41	1.68
15	.12	.19	.19	.34	.63	.92	1.21	1.51	1.80
16	.13	.20	.20	.36	.67	.98	1.29	1.61	1.92
17	.13	.21	.21	.38	.71	1.04	1.37	1.71	2.04
18	.14	.22	.22	.40	.75	1.10	1.45	1.81	2.16
19	.14	.23	.23	.42	.79	1.16	1.53	1.91	2.28
20	.15	.24	.24	.44	.83	1.22	1.61	2.01	2.40
21	.15	.25	.25						
22	.16	.26	.26						
23	.16	.27	.27						
24	.17	.28	.28						
25	.17	.29	.29						
26	.18	.30	.30						
27	.18	.31	.31						
28	.19	.32	.32						
29	.19	.33	.33						
30	.20	.34	.34						
31	.20	.35	.35						
32	.21	.36	.36						
33	.21	.37	.37						
34	.22	.38	.38						
35	.22	.39	.39						
36	.23	.40	.40						
37	.23	.41	.41						
38	.24	.42	.42						
39	.24	.43	.43						
40	.25	.44	.44						
41	.25	.45	.45						
42	.26	.46	.46						
43	.26	.47	.47						
44	.27	.48	.48						
45	.27	.49	.49						
46	.28	.50	.50						
47	.28	.51	.51						
48	.29	.52	.52						
49	.29	.53	.53						
50	.30	.54	.54						

Weight limit within 1st and 2nd Zones is 50 lbs.; and within 3rd to 8th Zones, 20 lbs.

Size limit is 84 inches in length and largest girth combined.

Poisons and explosives cannot be shipped by parcel post.

Liquids may be shipped by parcel post when specially packed to comply with requirements.

Eighth Zone rates and weights apply to Alaska, Hawaii, and all American possessions.

Rate to Canada is 12 cents for each pound or fraction of a pound, and the limit of weight is 4 lbs. 6 oz.

Rate to Mexico is 12 cents for each pound or fraction of a pound, and the limit of weight is 11 lbs.

-ESTABLISHED 1885

Date..... 191.....

Name _____
(Write name very distinctly.)

Street Address _____

Rural Delivery No. _____ Box No. _____

Post Office

County..... State.....

Ship by _____
(Parcel Post, Express, Freight or Boat)

Ship to.....
(Name of Express Office, Freight Station, or Boat Landing)

Charges to be Prepaid or Collected at Destination.....
(Charges to a station at which there is no agent must be prepaid)

**AMOUNT
ENCLOSED**

Money Order \$.....

Draft\$.....

Check -----\$-----

Stamps\$.....

Currency -----\$-----

Coin _____ \$ _____.

PLEASE WRITE NOTHING BUT THE ORDER AND SHIPPING INSTRUCTIONS
ON THIS SHEET

The Chas. H. Lilly Co. exercises every precaution to grow and secure only the very best seeds, but gives no warranty, express or implied, as to description, quality, productiveness, or any other matter, of any Seeds, Bulbs, or Plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

[illegible]

[illegible]

REGARDING MAIL ORDERS

Observance of the following simple rules will assist us to fill orders promptly and satisfactorily.

Order early. During the spring planting time, from the middle of March to the middle of May, we are crowded to full capacity, and, although our facilities and system of handling orders are highly efficient, occasional delays and errors are bound to occur; also, late in the season, we are liable to be sold-out of some varieties. It is to your advantage, as well as ours, to order before the spring rush.

Use our order sheets for all orders. This will avoid delay and chance for error. Additional order sheets will be mailed to you on request.

Write name, address, and shipping instructions in proper spaces very distinctly. We receive many orders with name or address omitted or illegible, and are unable to fill such orders until the purchasers enquire about them.

Please do not write anything on the order sheet except the order and shipping instructions. If it is necessary to write a letter it should be written on another sheet of paper. Please do not tear the order sheet in two. Send the full sheet whether it is full or not.

We acknowledge receipt of all orders amounting to twenty-five cents or more. If you do not receive an acknowledgment card promptly it is evidence that the order has not been received by us. In case it is necessary to write to us in regard to an order for which you have received an acknowledgment card, please refer to the number which is shown on the card. Orders are usually filled the same day that they are received by us. If, for any reason, there will be a delay of more than a few days we will write to you explaining the delay.

Remittance in full is required with all orders, thus avoiding unnecessary expense, labor, and confusion. Please do not ask us to ship goods C. O. D. or on account, for we would be compelled to decline. Remittance should be made by Post Office Money Order, Express Money Order, Bank Draft, or Registered Letter. We will accept stamps in small amounts, but cannot assume responsibility for stamps, currency, or coin lost in the mails.

Prices of some seeds, foods, fertilizers, etc., are liable to fluctuate, and, to avoid making catalog prices high enough to cover any advance in the market, all prices are subject to change. Before ordering, if supplement enclosed with our catalog is not of recent date, write to us for latest supplement.

Discounts and Premiums. It is our policy to furnish only the best goods, at prices as low as is consistent, and those prices are net. We allow no discounts and give no premiums. Premiums must be paid for, indirectly, and usually at a high rate.

Market Gardeners and others requiring vegetable seeds in very large quantities will please write for special quantity prices, stating varieties and quantities wanted.

We do not pay transportation charges except when prices are quoted "postpaid." We pay transportation charges by parcel post, express or freight, at our option, on flower seeds and vegetable seeds in lots of one pound or less, except Beans, Peas, Corn, Mushroom Spawn and Onion Sets. Except in the few cases where we specify that prices are "postpaid," if goods are to be shipped by parcel post, a sufficient amount must be remitted to pay postage; otherwise the goods will be shipped by express or freight with charges to be collected at destination. If goods are to be shipped by express or freight to a station at which there is no agent, a sufficient amount must be remitted with the order to prepay transportation charges.

Complaints. Errors are bound to occur occasionally, even in the best regulated business. We make it a point to adjust errors and reasonable complaints promptly and liberally. Likewise, as we endeavor to please our customers, we are always glad to hear from them when they are satisfied with our goods or our services.

PARCEL POST RATES

If goods are to be shipped by Parcel Post, except such as are listed in our catalog "postpaid," an amount sufficient to pay postage at the following rates must be remitted with orders.

On parcels weighing eight ounces or less, containing Books, Seeds, Cuttings, Bulbs, Roots, Scions, and Plants, the rate is one cent for each two ounces or fraction thereof, regardless of distance.

On parcels weighing four ounces or less, containing goods other than Books, Seeds, Bulbs, Roots, Scions, and Plants, the rate is one cent for each ounce or fraction thereof, any distance.

On other domestic parcel post matter the following zone rates and weights apply:

Weight Pounds	Local Handled through one P. O. or R. F. D. only.	ZONES							
		1st Under 50 miles	2nd 50 to 150 mi.	3rd 150 to 300 mi.	4th 300 to 600 mi.	5th 600 to 1000 mi.	6th 1,000 to 1400 mi.	7th 1400 to 1800 mi.	8th Over 1800 mi.
1	\$0.05	\$0.05	\$0.05	\$0.06	\$0.07	\$0.08	\$0.09	\$0.11	\$0.12
2	.06	.06	.06	.08	.11	.14	.17	.21	.24
3	.06	.07	.07	.10	.15	.20	.25	.31	.36
4	.07	.08	.08	.12	.19	.26	.33	.41	.48
5	.07	.09	.09	.14	.23	.32	.41	.51	.60
6	.08	.10	.10	.16	.27	.38	.49	.61	.72
7	.08	.11	.11	.18	.31	.44	.57	.71	.84
8	.09	.12	.12	.20	.35	.50	.65	.81	.96
9	.09	.13	.13	.22	.39	.56	.73	.91	1.08
10	.10	.14	.14	.24	.43	.62	.81	1.01	1.20
11	.10	.15	.15	.26	.47	.68	.89	1.11	1.32
12	.11	.16	.16	.28	.51	.74	.97	1.21	1.44
13	.11	.17	.17	.30	.55	.80	1.05	1.31	1.56
14	.12	.18	.18	.32	.59	.86	1.13	1.41	1.68
15	.12	.19	.19	.34	.63	.92	1.21	1.51	1.80
16	.13	.20	.20	.36	.67	.98	1.29	1.61	1.92
17	.13	.21	.21	.38	.71	1.04	1.37	1.71	2.04
18	.14	.22	.22	.40	.75	1.10	1.45	1.81	2.16
19	.14	.23	.23	.42	.79	1.16	1.53	1.91	2.28
20	.15	.24	.24	.44	.83	1.22	1.61	2.01	2.40
21	.15	.25	.25						
22	.16	.26	.26						
23	.16	.27	.27						
24	.17	.28	.28						
25	.17	.29	.29						
26	.18	.30	.30						
27	.18	.31	.31						
28	.19	.32	.32						
29	.19	.33	.33						
30	.20	.34	.34						
31	.20	.35	.35						
32	.21	.36	.36						
33	.21	.37	.37						
34	.22	.38	.38						
35	.22	.39	.39						
36	.23	.40	.40						
37	.23	.41	.41						
38	.24	.42	.42						
39	.24	.43	.43						
40	.25	.44	.44						
41	.25	.45	.45						
42	.26	.46	.46						
43	.26	.47	.47						
44	.27	.48	.48						
45	.27	.49	.49						
46	.28	.50	.50						
47	.28	.51	.51						
48	.29	.52	.52						
49	.29	.53	.53						
50	.30	.54	.54						

Weight limit within 1st and 2nd Zones is 50 lbs.; and within 3rd to 8th Zones, 20 lbs.

Size limit is 84 inches in length and largest girth combined.

Poisons and explosives cannot be shipped by parcel post.

Liquids may be shipped by parcel post when specially packed to comply with requirements.

Eighth Zone rates and weights apply to Alaska, Hawaii, and all American possessions.

Rate to Canada is 12 cents for each pound or fraction of a pound, and the limit of weight is 4 lbs. 6 oz.

Rate to Mexico is 12 cents for each pound or fraction of a pound, and the limit of weight is 11 lbs.

-ESTABLISHED 1885

Amount carried forward

[illegible]

REGARDING MAIL ORDERS

Observance of the following simple rules will assist us to fill orders promptly and satisfactorily.

Order early. During the spring planting time, from the middle of March to the middle of May, we are crowded to full capacity, and, although our facilities and system of handling orders are highly efficient, occasional delays and errors are bound to occur; also, late in the season, we are liable to be sold out of some varieties. It is to your advantage, as well as ours, to order before the spring rush.

Use our order sheets for all orders. This will avoid delay and chance for error. Additional order sheets will be mailed to you on request.

Write name, address, and shipping instructions in proper spaces very distinctly. We receive many orders with name or address omitted or illegible, and are unable to fill such orders until the purchasers enquire about them.

Please do not write anything on the order sheet except the order and shipping instructions. If it is necessary to write a letter it should be written on another sheet of paper. Please do not tear the order sheet in two. Send the full sheet whether it is full or not.

We acknowledge receipt of all orders amounting to twenty-five cents or more. If you do not receive an acknowledgment card promptly it is evidence that the order has not been received by us. In case it is necessary to write to us in regard to an order for which you have received an acknowledgment card, please refer to the number which is shown on the card. Orders are usually filled the same day that they are received by us. If, for any reason, there will be a delay of more than a few days we will write to you explaining the delay.

Remittance in full is required with all orders, thus avoiding unnecessary expense, labor, and confusion. Please do not ask us to ship goods C. O. D. or on account, for we would be compelled to decline. Remittance should be made by Post Office Money Order Express Money Order, Bank Draft, or Registered Letter. We will accept stamps in small amounts, but cannot assume responsibility for stamps, currency, or coin lost in the mails.

Prices of some seeds, foods, fertilizers, etc., are liable to fluctuate, and, to avoid making catalog prices high enough to cover any advance in the market, all prices are subject to change. Before ordering, if supplement enclosed with our catalog is not of recent date, write to us for latest supplement.

Discounts and Premiums. It is our policy to furnish only the best goods, at prices as low as is consistent, and those prices are net. We allow no discounts and give no premiums. Premiums must be paid for, indirectly, and usually at a high rate.

Market Gardeners and others requiring vegetable seeds in very large quantities will please write for special quantity prices, stating varieties and quantities wanted.

We do not pay transportation charges except when prices are quoted "postpaid." We pay transportation charges by parcel post, express or freight, at our option, on flower seeds and vegetable seeds in lots of one pound or less, except Beans, Peas, Corn, Mushroom Spawn and Onion Sets. Except in the few cases where we specify that prices are "postpaid," if goods are to be shipped by parcel post, a sufficient amount must be remitted to pay postage; otherwise the goods will be shipped by express or freight with charges to be collected at destination. If goods are to be shipped by express or freight to a station at which there is no agent, a sufficient amount must be remitted with the order to prepay transportation charges.

Complaints. Errors are bound to occur occasionally, even in the best regulated business. We make it a point to adjust errors and reasonable complaints promptly and liberally. Likewise, as we endeavor to please our customers, we are always glad to hear from them when they are satisfied with our goods or our services.

[illegible]

"To have other than the best when the best is to be had is the wisdom of the unwise."



The Secret of Successful Crops

is waiting for you in the pages of this book. Year after year hundreds of the most successful growers turn to this catalog for reliable information.

the big point about Seed buying

is the fact that of all the elements that enter into the cost of your garden, seeds are the most important fundamentally and the least important as an item of expense. The cost of seeds is the same whether they are good or bad. Labor and fertilizer together always make up the greater part of the total cost, and they are valuable only in proportion as the seed is reliable and productive.

The difference in cost between reliable seeds and indifferent seeds is infinitesimal; but the difference between results often is the difference between success and failure.

It pays to take no chances with your seeds. Get the best seed insurance you can buy—the long-standing reputation for reliability of the name Lilly's. Lilly's Seeds have got a good name by growing good crops, for 35 years and more.

The Measure of Greatness

Institutions which attain national importance are almost without exception performing a great work.

A business grows because it is needed. It is usually successful in proportion to its effort to serve.

Service is the bedrock of business principle.

The House of Lilly has one fundamental purpose—to extend and broaden its usefulness to the Gardener and Rancher—to serve.

THE CHAS. H. LILLY CO.

ESTABLISHED 1885

SEATTLE

General Offices, Factory and Warehouses
Hanford Street and West Waterway
Seattle Retail Store
Pioneer Square, First and Cherry

Portland Branch
Front and Yamhill Streets
PORTLAND, ORE.

LILLY'S

Branches
YAKIMA, WASH.
ELLENBURG, WASH.

"Western America's Greatest Seed House."

WHY NOT GROW A GARDEN

LESSENS COST OF LIVING
PROVIDES GREATER VARIETY
VEGETABLES ARE CHEAPER
CLEANER FRESHER
WE LIKE THEM BETTER
WE GROW THEM OURSELVES
PUT UP SURPLUS FOR WINTER

IF WE DON'T GROW THEM
WE GO WITHOUT THEM
MORE GARDENS
MEAN BETTER HEALTH



It's not
what you
pay for
seeds, but
what you
get for
what you
pay that
counts.



A GARDEN FOR EVERY FAMILY

PROMOTES THE HABIT
OF THRIFT
HELPS SAVE MONEY TO
BUY A HOME
INTERESTS THE WHOLE FAMILY
HELPS WHEN OUT OF WORK
MAKES A BETTER
NEIGHBORHOOD
KEEPS BOYS AND GIRLS
OFF THE STREET

WE CAN'T GROW BOYS
AND GIRLS
WHERE WE CAN'T
GROW PLANTS



THE GARDEN, made by one's own hands, is always the best garden because it is part of oneself. A garden made by another may interest, but it is another person's individuality. This applies with special force to Vegetables. Those grown at home are fresher, crisper and taste altogether DIFFERENT from the much handled and frequently stale products sold in the City. Besides, the hygienic value of fresh Vegetables is beyond question; their value to the family cannot be estimated in terms of money.

About Varieties

Only those varieties are offered in this catalog which our many years practical experience as growers has taught us are best suited to our soil and climatic conditions. It is obviously to the planter's advantage to recognize the superiority of Lilly's Tested Seeds as compared with others which may be entirely unsuited to North Western conditions.

Asparagus

One ounce of seed will produce about 500 plants

Columbia Mammoth Giant Argenteuil

A superior variety of this delicious early spring vegetable, which should have a place in every home garden. Of exceptionally large size, white, tender, and unexcelled in flavor.

Pkt. 10c, Oz. 20c, ¼ lb. 45c,
Postpaid.

The popular French variety, producing large, thick green stalks, sometimes nearly an inch in diameter with few scales; the stalks retain their thickness completely up to the top and have close round heads.

Pkt. 10c, Oz. 20c, ¼ lb. 45c,
Postpaid.

Palmetto

A very early and prolific variety, producing an abundance of very large deep green shoots of the best quality with a distinctly pointed tip.

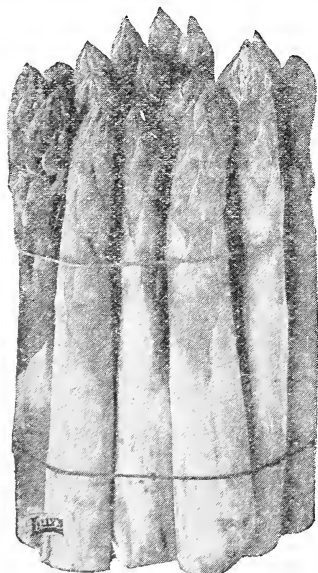
Pkt. 10c, Oz. 20c, ¼ lb. 45c, Postpaid.

Artichoke

Large French Green Globe

This perennial plant resembles a mammoth thistle. The edible portion is the immature flower heads, which are boiled and served with butter dressing. The young suckers which spring up around the bottom of the plant are also used, served like asparagus. The flower heads are not produced until the second season. Distinctive from the Jerusalem Artichoke, the edible portion of which is the tubers, which are listed in Farm Seed Section of this catalog.

Pkt. 10c, Oz. \$1.25, Postpaid.



Columbia Mammoth

In the words of Guy McAfee, Chico,
"Lilly's Lice Killer and Insect Powder are the
best of their kind I have ever used."

LILLY'S
1923
ANNUAL

Bush Beans



Jones' Stringless

A Delicious Yellow Podded, Dwarf Variety

A comparatively new variety, very popular with many of our customers. The pods are a beautiful waxy yellow, very large and nearly straight, round, plump, full, very brittle, stringless and without fiber. In flavor and quality they are unexcelled. The ripe dry seeds are white and are excellent for shelled beans. The plants are of medium size, thick stemmed, erect, without runners, early and productive.

Pkt. 15c, ½ lb. 20c, 1 lb. 35c, 10 lbs. \$3.00, Postpaid.



Golden Jersey Wax

Yellow Podded Bush Bean

An improved strain of the old standard Golden Wax which has been so universally grown in all sections of the country for many years. The plants are small, hardy, very erect, vigorous, thick stemmed, without runners, early and productive. The pods are rich golden yellow, broad and thick, solid fleshed, of splendid quality, tender, brittle and stringless.

Pkt. 15c, ½ lb. 20c, 1 lb. 35c, 10 lbs. \$3.00. Postpaid.

Golden Wax

Very popular for both the home garden and for market. The pods are of medium length, broad, flat, golden yellow, very fleshy, wax like and stringless. The plants are erect, compact, and produce early and abundantly. The seeds are of medium size, oval white, mottled with red.

Pkt. 15c, ½ lb. 20c, 1 lb. 35c, 10 lbs. \$3.00. Postpaid.

Davis White Kidney Wax

A handsome wax podded variety, very popular for shipping. The plants are very hardy, productive and medium early. The pods are light yellow, straight, remarkably long crisp, and tender. The seed is medium size, kidney shaped and clear white. The dried beans are excellent for baking.

Pkt. 15c, ½ lb. 20c, 1 lb. 35c, 10 lbs. \$3.00. Postpaid.

Prolific Black Wax

An improved strain of black wax and is an exceptionally productive dwarf, wax-podded variety; hardy, reliable and of the best quality. The pods are of medium size, curved, cylindrical, fleshy, and of light golden color. The seeds are small oblong and jet black.

Pkt. 15c, ½ lb. 20c, 1 lb. 35c, 10 lbs. \$3.00. Postpaid.

Refugee, or 1000 to 1

A very productive, hardy, vigorous late sort, much in favor for canning. Pods 5 to 5½ inches long, somewhat slender, round and slightly curved; fine grained and good quality.

Pkt. 15c, ½ lb. 20c, 1 lb. 35c, 10 lbs. \$3.00. Postpaid.

Canadian Wonder

An exceptionally hardy, rapid growing variety and very prolific. Pods, long green, fleshy and of excellent quality.

Pkt. 15c, ½ lb. 20c, 1 lb. 35c, 10 lbs. \$3.00. Postpaid.

Broad Windsor

The old English "Broad Bean"—largest and best of its class.

Pkt. 15c, ½ lb. 20c, 1 lb. 35c, 10 lbs. \$3.00. Postpaid.

Wardwell's Kidney Wax

A standard variety maturing a little later than Golden Wax. Yields a large crop of long nearly straight pods, light golden color, handsome pods, about 6 inches long, of good quality very extensively used for snaps for the home garden. The plants are strong growing and bear their long pod well up from the ground. Leaves are large, broad and slightly ruffled.

Pkt. 15c, ½ lb. 20c, 1 lb. 35c, 10 lbs. \$3.00, Postpaid.

Long Yellow Sixweeks

A variety much used for the home garden and the market. The plants are heavy, hardy, large, vigorous, erect and very productive. Long pods about 6 inches. Straight, flat, handsome, rather light green. Giant early maturing sort.

Pkt. 15c, ½ lb. 20c, 1 lb. 35c, 10 lbs. \$3.00. Postpaid.

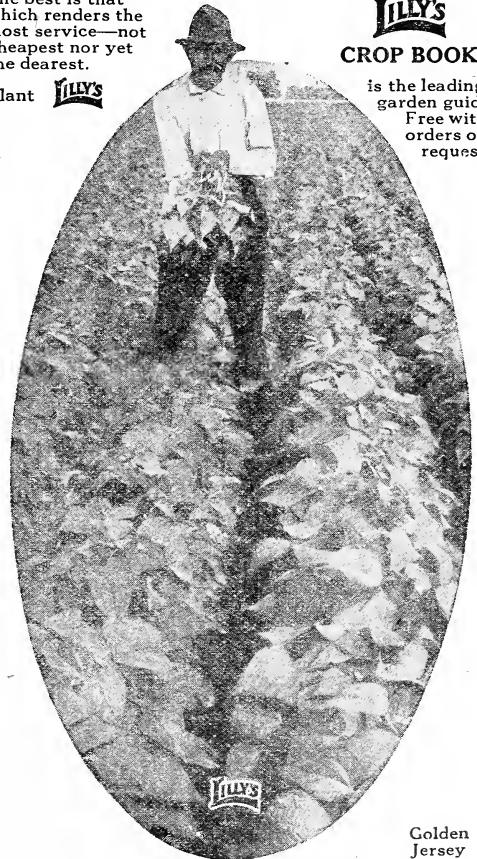
The best is that which renders the most service—not cheapest nor yet the dearest.

Plant



CROP BOOK

is the leading garden guide Free with orders on request



Golden Jersey Wax



1923
ANNUAL

E. A. Hize, Ballard, writes

"I have used Lilly's Lice Killer and Poultry Tonic. They both give the best possible results."



Kentucky Wonder

Small White Pole Lima

The only Lima which is certain to reach maturity here. Excellent for snap or green shell beans. Pods are six to seven inches long and contain five large, flat beans. Similar to Scarlet Runners, excepting that flowers and beans are white.

Pkt. 15c, ½ lb. 20c, 1 lb. 35c, 10 lbs. \$3.00, Postpaid.

Horticultural or Speckled Cranberry

The best of the horticultural varieties for general use. Equal to Lazy Wife as a general purpose late snap and green shell pole bean for home or market.

Pkt. 15c, ½ lb. 20c, 1 lb. 35c, 10 lbs. \$3.00, Postpaid.

Small White Navy

A splendid field variety and excellent for baking.

Pkt. 15c, ½ lb. 20c, 1 lb. 35c, 10 lbs. \$3.00, Postpaid.

Brussel Sprouts

Dwarf Improved

The heads or sprouts are formed on the stalk of the plant, are one to two inches in diameter and resemble miniature cabbages.

Pkt. 10c, Oz. 40c, ¼ lb. \$1.35, Postpaid.

Mrs. Fannie Leist, Holly, states

"Lilly's Glory Cabbage is the finest cabbage I have ever grown."

Bush Beans

JILLY'S Longfellow

Longfellow is an extra early green podded snap bean, producing splendid crops of very long, round, straight, solid fleshy pods which are deliciously tender and brittle. The flavor is excellent. The plants are robust without runners, and very productive. Lilly's select stock is sold in sealed packages only.

Pkt. 15c, ½ lb. 20c, 1 lb. 35c, 10 lbs. \$3.00, Postpaid.

Dwarf Horticultural

An early green podded bush bean splendid for either snap or green shelled beans; the dried beans may also be used for baking or soup. The pods are of medium length, slightly curved and when nearly developed are freely splashed with bright red. The plants are erect, compact, without runners and fairly productive.

Pkt. 15c, ½ lb. 20c, 1 lb. 35c, 10 lbs. \$3.00, Postpaid.

Burpee's Bush Lima

The most generally grown bush lima bean, growing about twenty inches high and bearing exceptionally large pods and beans of fine quality. Medium early.

Pkt. 15c, ½ lb. 20c, 1 lb. 35c, 10 lbs. \$3.00, Postpaid.

Burpee's Stringless

A very early, hardy green podded bean of excellent quality. The pods are round, straight, about five inches long, very meaty and entirely stringless.

Pkt. 15c, ½ lb. 20c, 1 lb. 35c, 10 lbs. \$3.00, Postpaid.

Pole Beans

One pound will plant 125 hills

JILLY'S Carmine Pole

The Best Pole Bean for the Northwest

The most attractive pole bean for snap green, shell or dry shell beans for home or market. The pods are brilliantly splashed with bright carmine on a greenish yellow background, very long and flat, generally straight; surface smooth, very brittle, entirely stringless, without fibre. Free from anthracnose. Sold only in sealed packages.

Pkt. 15c, ½ lb. 20c, 1 lb. 35c, 10 lbs. \$3.00, Postpaid.

Kentucky Wonder

One of the best early pole snap beans for home or market. The snap pods are green, with wrinkled surface; very long, curved, extremely brittle, without fibre.

Pkt. 15c, ½ lb. 20c, 1 lb. 35c, 10 lbs. \$3.00, Postpaid.

Lazy Wife Pole

One of the most popular kidney pole varieties, and the best late pole bean. Of superior quality as snaps, and excellent for green or dry shell beans.

Pkt. 15c, ½ lb. 20c, 1 lb. 35c, 10 lbs. \$3.00, Postpaid.

King of the Garden or Large White Lima

The best pole Lima Bean, but not so well adapted to the Northwest as the bush varieties. Unsurpassed in productiveness; large, handsome pods and seeds.

Pkt. 15c, ½ lb. 20c, 1 lb. 35c, 10 lbs. \$3.00, Postpaid.

Scarlet Runner

Popular for both ornamental and culinary purposes. Grows about ten feet high, bearing large scarlet flowers followed by large green podded beans.

Pkt. 15c, ½ lb. 20c, 1 lb. 35c, 10 lbs. \$3.00, Postpaid.

Lady Washington Field Beans

An improvement over the old Navy Beans; is earlier, larger and more productive. Especially adapted to the West.

Pkt. 15c, ½ lb. 20c, 1 lb. 35c, 10 lbs. \$3.00, Postpaid.

Broccoli

Large White French

The heads resemble cauliflower, and it is used in the same manner, but is harder.

Pkt. 10c, Oz. 90c, ¼ lb. \$3.00, Postpaid.

St. Valentine

The finest quality of its class, producing firm heads very early.

Pkt. 15c, Oz. \$1.50, ¼ lb. \$5.00, Postpaid.

LILLY'S Puget Sound Beet Seed

Early Wonder

APTLY NAMED—TRULY A WONDER

After several years' exhaustive test alongside other popular varieties we consider this Beet in a class by itself. For the market gardener or private family use it is unequalled. Its marked uniformity of type is a strong point in its favor which will strongly appeal to the grower for market while its beautiful dark red color combined with its tender and delicious flavor makes this variety everything it's name implies—a wonder. For earliness, good shape and absence of white rings it stands today as one of the best sorts introduced during the last decade. A trial will convince anyone of its marked characteristics. We anticipate this variety will rapidly become popular as it has given such excellent results on Puget Sound. Mail your order early.

Pkt. 15c, oz. 30c, ¼ lb. 50c, 1 lb. \$1.35, postpaid.

LILLY'S Crimson Globe

The beet is nearly globular, slightly elongated, of medium size, about three inches in diameter with small tap-root. The flesh is deep crimson, beautifully ringed or zoned, and is free from stringiness or woodiness. Our seed is specially grown from the choicest strain.

Pkt. 10c, Oz. 20c, ¼ lb. 45c, 1 lb. \$1.25, Postpaid.

LILLY'S Crosby's Egyptian

An improvement over the old Extra-Early Egyptian. It is fully as early as the old variety, and excels it in all other respects, being larger, smoother, thicker, and of much finer quality. The color is rich vermilion, slightly zoned; it is fine grained, tender and sweet, and does not become woody or hard.

Pkt. 10c, Oz. 20c, ¼ lb. 45c, 1 lb. \$1.25, Postpaid.

Detroit Dark Red

On account of its uniformly deep rich color the most desirable for canning. The leaves are dark green shaded with red. The roots are medium-sized, globular or nearly round, very smooth and of dark red blood color. The flesh is deep vermilion-red, zoned with a lighter shade of the same color.

Pkt. 10c, Oz. 20c, ¼ lb. 45c, 1 lb. \$1.25, Postpaid.

Early Egyptian

An extra-early variety, suitable for forcing and early garden culture. The beets are small and flattened; dark red; sweet and tender.

Pkt. 10c, Oz. 20c, ¼ lb. 45c, 1 lb. \$1.25, Postpaid.

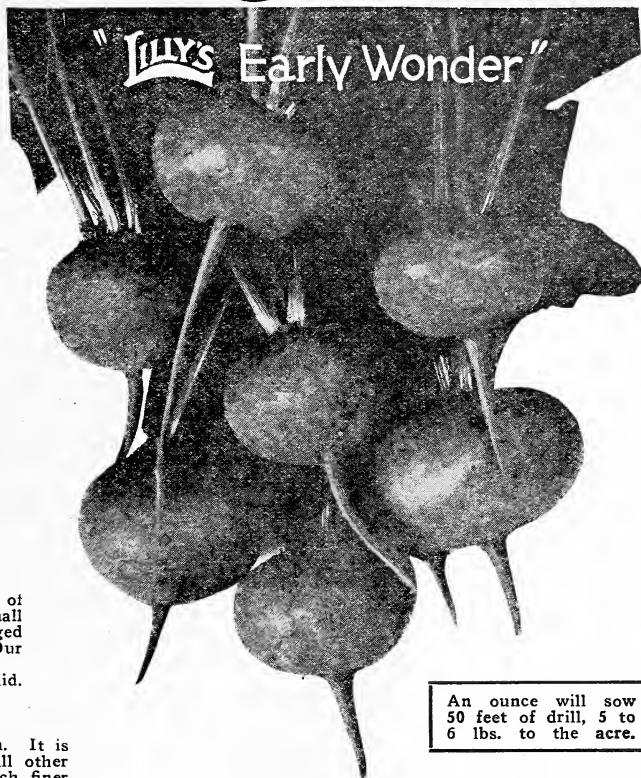
Swiss Chard

(SPINACH OR SEA KALE BEET)

LILLY'S Giant Lucullus

Lucullus is the newest, largest and best variety of Swiss Chard. Grown for its large, tender, succulent leaves, which make the most delicious greens, or the thick fleshy leafstalks, which are cooked and served like asparagus. The seed is planted in the spring the same as beets, and tops are cut off as wanted during the summer.

Pkt. 10c, Oz. 20c, ¼ lb. 65c, 1 lb. \$1.75, Postpaid.



An ounce will sow
50 feet of drill, 5 to
6 lbs. to the acre.

Early Blood Turnip

A standard medium variety of excellent quality; also good for summer and fall use. The flesh is deep red, zoned with lighter shade; sweet, crisp and tender, nearly round.

Pkt. 10c, Oz. 20c, ¼ lb. 45c, 1 lb. \$1.25, Postpaid.

Long Smooth Blood

A standard long late variety—roots 12 to 14 inches. Flesh deep purplish red; good quality and excellent keeper.

Pkt. 10c, Oz. 20c, ¼ lb. 45c, 1 lb. \$1.25, Postpaid.

Eclipse Blood Turnip

Very early, of uniform, globular shape, deep red color, fine grained, tender and sweet. Popular for both market and home garden.

Pkt. 10c, Oz. 20c, ¼ lb. 45c, 1 lb. \$1.25, Postpaid.

Large Ribbed White

May be used as a salad or cooked as greens. Resembles an ornamental beet top but has no edible root. Used for greens for chickens by cutting the stem and leaf which are also very ornamental.

Pkt. 10c, Oz. 20c, ¼ lb. 65c, 1 lb. \$1.75, Postpaid.

Mrs. W. J. Evers, Burlington, states
"I have used Lilly's Lice Killer, and can recommend it to any one needing it."

LILLY'S Puget Sound Cabbage Seed

CABBAGE SEED is one of our specialties, and we produce a quality unexcelled in America. The Puget Sound country is one of the very few localities in the United States where Cabbage seed of the highest quality is produced. Our Puget Sound grown seed will produce a greater percentage of large, firm heads than any other stock to be had; it has become noted all over the country, and we supply wholesale seedsmen in all parts of North America, European and other countries abroad as well as our own local trade. Our cabbage seed, being grown and acclimated in this country, is especially adapted to the Northwest.

One ounce of seed
should produce
1500 to 2000
plants



First Early Varieties

LILLY'S Copenhagen Market

A wonderful cabbage. Although it is very early, the round, solid heads grow to very large size, 10 to 12 pounds, and are produced on short stems and have few outer leaves. The plants are hardy, sturdy, and may be depended upon to produce solid heads at an early season. Our seed is grown in the Puget Sound country, from seed stock imported direct from Denmark.

Pkt. 10c, Oz. 40c, ¼ lb. \$1.35.
1 lb. \$4.00. Postpaid.

Early Winnigstadt

An excellent variety, but not so early as Early Jersey Wakefield. The heads are similar in form and size, but are more sharply pointed; very hard and the leaves are tightly folded.

Pkt. 10c, Oz. 35c, ¼ lb. \$1.35.
1 lb. \$3.50. Postpaid.

Charleston Wakefield

The heads are very similar to Early Jersey Wakefield in form, but are larger and a few days later. They are of the same fine quality. This variety is a favorite with market gardeners.

Pkt. 10c, Oz. 35c, ¼ lb. \$1.35. 1 lb. \$3.50. Postpaid.

All Head Early

A large heading early variety of good quality. May be planted late and used in fall and early winter. The plants are compact, with few outer leaves. Stems are short. Heads are large, solid, and flat, but very deep. Remarkably free from "spreading" leaves thus permitting close planting and increased yield per acre.

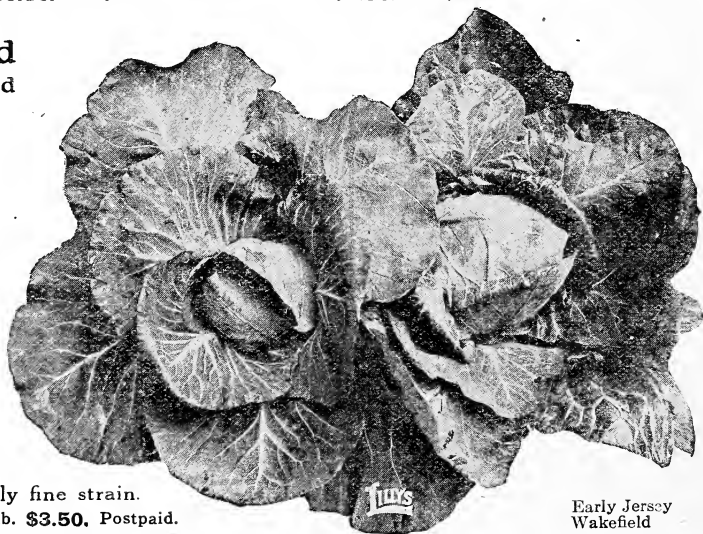
Pkt. 10c, Oz. 35c, ¼ lb. \$1.35.
1 lb. \$3.50. Postpaid.

LILLY'S Early Jersey Wakefield

An Improved Strain of the Standard
Extra Early and Popular
Variety

This old standard variety is more generally grown and one of the most popular extra early cabbages. Equally popular for either the home garden or for market. The heads are pyramidal in form, pointed at the top, with but few outside leaves, are uniformly solid and of fine quality and flavor. The plants are extremely hardy, and on the Pacific Coast the seed is sown in fall and the plants wintered over in the open ground. Our seed is grown in the Puget Sound country and is a particularly fine strain.

Pkt. 10c, Oz. 35c, ¼ lb. \$1.35, 1 lb. \$3.50. Postpaid.



Early Jersey Wakefield

Mrs. J. S. Lee, Svensen, Oregon, says
"Lilly's Pride of the Pacific cucumber beats any
cucumber I ever raised."

LILLY'S
1923
ANNUAL

Cabbage

Second Early Varieties

Lilly's Glory

A Splendid Second Early Variety;
Round Solid Heads

Although this is very early for a round-headed cabbage, it is a splendid keeper and is excellent for winter use. The heads are of good size, almost perfectly round, extremely sold and heavy, deliciously tender and of the finest quality. The plants are of vigorous growth and are sure heading. Our seed is grown in the Puget Sound country, famous for producing the best cabbage seed.

Pkt. 10c, Oz. 45c, ¼ lb. \$1.50, 1 lb. \$4.50, Postpaid.

Lilly's All Seasons, or Succession

One of the Most Satisfactory Second Early
Cabbages for General Use

A very desirable second early or intermediate season cabbage. As its name implies, it is adapted for either summer, fall, or winter use. The heads become solid long before they are fully grown, and may be used at that time or during the long season until they are mature. It is not liable to split. The heads are very large, nearly round, slightly flattened, very solid and of excellent quality. This variety is especially adapted to the Pacific Coast, and makes a splendid showing in our seed fields. Our seed is grown in the Puget Sound country, and is of exceptionally fine quality.

Pkt. 10c, Oz. 45c, ¼ lb. \$1.50,
1 lb. \$4.50, Postpaid.

Early Flat Dutch

A valuable second early variety producing very large, compact, flattened heads of good quality; sometimes nearly as large as Late Flat Dutch, which they resemble in appearance.

Pkt. 10c, Oz. 35c, ¼ lb. \$1.25.
1 lb. \$3.50, Postpaid.

Fottler's Brunswick

One of the best second early or intermediate cabbages for fall use. The plants have very short stems, large leaves, and are very compact. The heads are large, flat, sold and of fine quality.

Pkt. 10c, Oz. 35c, ¼ lb. \$1.25.
1 lb. \$3.50, Postpaid.

The Joys of Gardening

How many have experienced the joy and satisfaction that comes from working in the soil? How many realize what it means after the day's work is over to take a hoe or some other garden tool, and feel the thrill that comes from stirring the soil and planting the seed? Gardening is natural exercise and brings practically all muscles into play. You forget the office or factory when digging in the earth. In preparing and planting your garden, you cannot help feeling a sort of partnership with the soil. Who doesn't like to stir the warm, mellow earth in the spring when it is time to plant the seed? No home ground or home is complete without a garden, and those who have never planted vegetables or flowers have missed much.



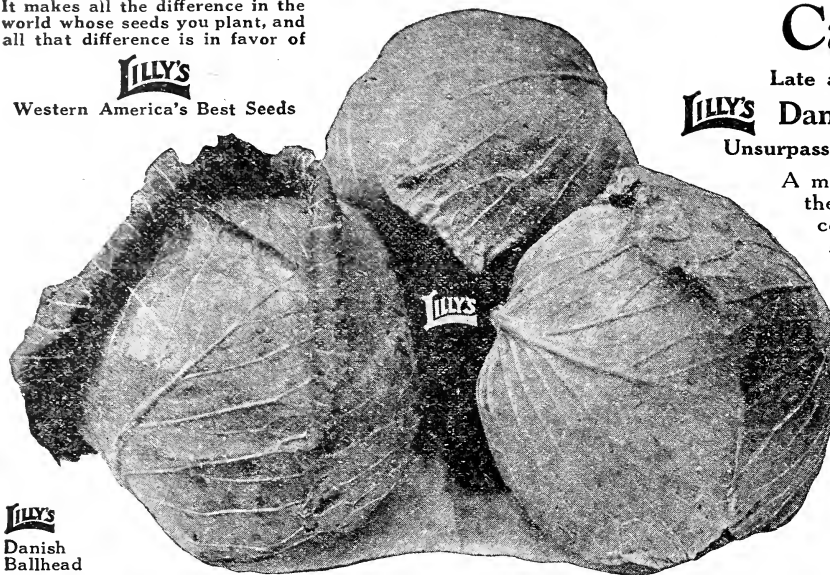
Remember it's always the quality that determines the price. Plant Lilly's Seeds.



It makes all the difference in the world whose seeds you plant, and all that difference is in favor of

LILLY'S

Western America's Best Seeds



LILLY'S

Danish Ballhead

Cabbage

Late and Savoy Varieties

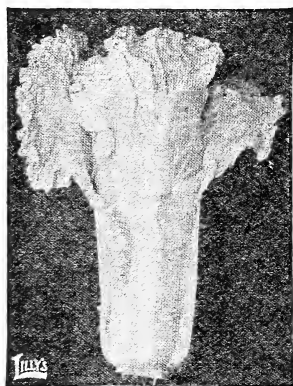
LILLY'S

Danish Ballhead

Unsurpassed for Winter Use

A medium or late variety, one of the very best keepers, and excellent for late winter or spring shipping. The heads are round, of medium size, very solid and hard, and of good quality. Vigorous, compact, exceedingly hardy, and reliable. Our seed is grown on Puget Sound with special care from carefully selected heads.

Pkt. 10c, Oz. 40c, ¼ lb. \$1.35, 1 lb. \$4.00. Postpaid.



Surehead

One of the most reliable late or main crop cabbages; very hardy and exceptionally sure heading. The heads are large, broad, thick, somewhat flattened, compact very solid and of excellent quality. Pkt. 10c, Oz. 35c, ¼ lb. \$1.35, 1 lb. \$3.50, Postpaid.

Autumn King

A good late variety requiring a long season for growth. The heads are very large solid and of good quality. An excellent winter keeper and shipper. Pkt. 10c, Oz. 40c, ¼ lb. \$1.40, 1 lb. \$4.00, Postpaid.

Pe Tsai or Celery Cabbage

A wonderful salad plant growing 15 or 16 inches high somewhat resembling Cos Lettuce or similar to Swiss Chard. The hearts blanch to a crystalline white; whiter than lettuce and more beautiful than cabbage. Should be sown in July. Pkt. 10c, Oz. 40c, ¼ lb. \$1.40, 1 lb. \$4.00, Postpaid.

PeTsai Cabbage



Large Late Drumhead

A favorite winter cabbage for shipping. The heads are large solid and of good texture flattened on top but very deep. Can be kept in good condition until late in spring.

Pkt. 10c, Oz. 35c, ¼ lb. \$1.35, 1 lb. \$3.50, Postpaid.

Red Dutch

A popular hard headed red cabbage for pickling etc. A good keeper. Rather small but of excellent quality and flavor.

Pkt. 10c, Oz. 40c, ¼ lb. \$1.40, 1 lb. \$4.00, Postpaid.

Drumhead Savoy

The best of the Savoy or crumpled leaved cabbages producing large solid heads of the finest quality and with the rich flavor of cauliflower. The plants are strong and vigorous.

Pkt. 10c, Oz. 40c, ¼ lb. \$1.40, 1 lb. \$4.00, Postpaid.

Premium Late Flat Dutch

A popular late variety; comparatively slow growing but sure heading. The plants are exceptionally vigorous, with very large, broad, spreading outer leaves. The heads are very large, flat, but deep. An excellent keeper.

Pkt. 10c, Oz. 40c, ¼ lb. \$1.40, 1 lb. \$4.00, Postpaid.

The Quality

of the seed you plant will be making your garden's success or failure months after the cost is forgotten.

Mrs. Jos. Price, Sisco, states

"I have used Lilly's Scratch Food and my chickens do better on it than any other food I can get."

LILLY'S

1923

ANNUAL

Carrot

One ounce of seed sufficient for about 125 feet of drill, or 4 pounds per acre

Jilly's Golden Half Long

Finest Main Crop Carrot

By far the best carrot for home use and for market and by many it is preferred for stock feeding, for although it is not so large as the stock carrots, the yield is almost as great and the quality is superior.

Carrots should be more generally grown, both for table and stock. They are a delicious and healthful vegetable, easy to grow and are in perfect condition at any time during their growth from the time they are the size of a lead pencil until long after they are matured. On the Pacific Coast they may be left in the ground during the winter and pulled as wanted for use. Our climate and soil is specially adapted to growing them. Sold in sealed packages only.

Pkt. 10c. Oz. 20c. $\frac{1}{4}$ lb. 45c. 1 lb. \$1.25. Postpaid.

Danver's Half Long

A standard half long orange-colored carrot grown largely on account of its great productiveness and adaptability to all kinds of soil. It is a desirable second-early carrot for the home garden and is also popular for field culture. The flesh is deep orange, tender and of good quality. Although the roots of this variety at maturity are comparatively short, they often produce as large bulk as the longer stock sorts, and they are more easily harvested.

Pkt. 10c. Oz. 20c. $\frac{1}{4}$ lb. 45c. 1 lb. \$1.25. Postpaid.

Chantenay or Model

An excellent stump-rooted variety about six inches long, very broad at the shoulder and tapering to a blunt point, free from core, fine grained and tender; orange-red; medium early.

Pkt. 10c. Oz. 20c. $\frac{1}{4}$ lb. 45c.
1 lb. \$1.25. Postpaid.

Long Orange Improved

This improved strain is medium to late maturing and is suitable for either table use or stock food. The roots are very deep, orange, long and comparatively thick, often twelve inches long and three inches in diameter at the crown tapering regularly to a point. The tops are rather large; it is very productive and when grown in light, deep rich soil the roots are straight and uniform. When of a size suitable for the table the roots are tender and of good quality.

Pkt. 10c. Oz. 20c. $\frac{1}{4}$ lb. 40c. 1 lb. \$1.00. Postpaid.

Short Horn

Early Scarlet Horn or

Early French Forcing

One of the earliest varieties in cultivation and very desirable for forcing. The tops are very small; the roots are reddish orange and nearly round when forced quickly in rich, well prepared soil, but are somewhat longer when grown outdoors. When fully matured the roots are about two to two and one-half inches long, but they should be used before fully grown, while young and tender.

Pkt. 10c. Oz. 20c. $\frac{1}{4}$ lb. 50c.
1 lb. \$1.50. Postpaid.

Oxheart, or Guerande

Especially desirable on shallow or hard soil where longer rooted varieties would not thrive. The tops are small. The mature roots are about five inches long, very thick, ending abruptly in a small tap-root. The flesh is bright orange, fine grained and sweet. It is medium early, and is desirable for table use, when mature they are excellent for stock.

Pkt. 10c. Oz. 20c. $\frac{1}{4}$ lb. 45c. 1 lb. \$1.25. Postpaid.

Varieties Recommended for Stock Feeding

These keep well when stored for winter use, and form an extremely wholesome addition to the winter rations of stock when fed in conjunction with corn and dry fodder. The rich coloring of the deep orange-colored sorts is esteemed also as imparting a richer coloring to milk and butter during winter months.

Large White Mastodon

The most popular white carrot for stock feeding on account of its immense size, productiveness and being short and easy to harvest. It sometimes yields as much as 25 tons per acre. Not suitable for table use. A more complete description of this variety will be found in Farm Seed Section of this catalog. Sold only in sealed packages.

Pkt. 10c. Oz. 20c. $\frac{1}{4}$ lb. 40c. 1 lb. \$1.00. Postpaid.

White Belgian

A large and very productive white carrot, recommended for stock food only. Very similar to improved short white.

Pkt. 10c. Oz. 20c. $\frac{1}{4}$ lb. 40c. 1 lb. \$1.00. Postpaid.

Improved Short White

A desirable stock carrot on account of its great productiveness and the ease with which it can be harvested. The roots are half long, seven to nine inches in length, smooth, very heavy at the shoulder, tapering to the point. The color is white with light green crown.

Pkt. 10c. Oz. 20c. $\frac{1}{4}$ lb. 40c.
1 lb. \$1.00. Postpaid.

Danver's
Half
Long



Cauliflower

One ounce should produce about 3000 plants

Cauliflower is grown in the same manner as Cabbage, usually as a late fall crop, but when started early in the spring, excellent heads, can be grown of the dwarf early varieties. To make the best and largest heads the plants need cool, moist weather, well-enriched soils and thorough cultivation. The Cauliflower is highly esteemed for the mild, delicate flavor and extreme tenderness of the solid white heads.

Lilly's Early Alba

An Unequalled Variety for Early or Main Crop, for Home or for Market

Early Alba is by far the best cauliflower grown, either for early or late, for home use or for market, for forcing or for outdoor culture. It is the largest early cauliflower, and is equally good for either extra early or for main crop. It is a sure producer of large, solid compact snow-white heads of unequalled quality, flavor and beauty. Lilly's Early Alba cauliflower seed is sold only in sealed packages.

Pkt. 25c, $\frac{1}{4}$ Oz. \$1.25,
1 Oz. \$4.00. Postpaid.

Snowball

A standard early variety, excellent for forcing, early outdoor culture, or for main crop. The plants are compact, with few outside leaves and may be planted closely. The heads are of medium size, solid, compact, round, white and of good quality.

Pkt. 15c, $\frac{1}{4}$ Oz. 75c, 1 Oz. \$2.50.
Postpaid.

Large Late Algiers

A valuable late sort, sure to head, of excellent quality and popular with market gardeners. The plant is large but of upright growth, the leaves protecting the heads, so that they are uninjured by frost that would ruin other varieties.

Pkt. 10c, $\frac{1}{4}$ Oz. 40c, 1 Oz. \$1.35. Postpaid.

Danish Dry-Weather

Danish Dry Weather Cauliflower is especially adapted for growing in dry localities where other varieties fail to produce good heads, but is also an excellent variety for more favorable conditions.

It is not as early as Early Alba and is not suitable for forcing, but the heads are large, solid, pure white, of splendid quality, and for main crop it is excelled by none, as it is the surest header known and is therefore the most profitable for the market gardener. It will make a good crop in dry climates where it has heretofore been considered impossible to grow good cauliflower. Sold in sealed packages only.

Pkt. 25c, $\frac{1}{4}$ Oz. \$1.00, 1 Oz. \$3.50. Postpaid.

MAKE YOUR GARDEN WORK

Many people think that seeds cannot be planted any other time than in April and May. This is far from true. The wide-awake gardener begins sowing as early in the spring as possible, and sows succession crops throughout the summer and until late in the fall. Succession crops are most important, since they provide fresh vegetables for fall and winter use. A cellar full of stored vegetables is a good investment. Grow all the vegetables your garden can produce.

Veitch's Autumn Giant

A large late cauliflower, producing quite compact white heads. The large late varieties are not nearly so reliable as the earlier Erfurt type. Known on the Pacific coast under the name of *California Wonder*

Pkt. 10c, $\frac{1}{4}$ Oz. 35c, 1 Oz. \$1.25. Postpaid.

From G. W. Cooper, Brush Prairie, we hear
"The Early Jersey Wakefields I raised from
Lilly's seeds last year were the finest I ever saw."

Lilly's
1923
ANNUAL

Celery

One ounce will produce about 3000 plants; one pound will produce plants for one acre



Paris Golden Yellow

The plants are of compact semi dwarf habit and form numerous stalks. They are heavily ribbed, of golden yellow color—very crisp and tender. Leads all the self blanching varieties for earliness and productiveness. This is the variety so extensively grown in California for supplying the Northern Markets in the early season before the home products are ready. Altogether a very desirable sort to grow. The Standard Celery for early use.

Pkt. **15c**, Oz. **\$1.50**, ¼ lb. **\$5.00**, 1 lb. **\$15.00**.

Silver Plume

A handsome early variety, popular with market gardeners on account of its very attractive appearance and requiring a very short time for blanching. The plants are of medium size, and the foliage forms beautiful silver-white plumes, so aptly suggested in the name. As the plants mature, the inner stems and leaves naturally turn white. The stalks are thick and heavy, with pure white hearts; brittle, crisp and tender; free from stringiness and unexcelled in flavor.

Pkt. **10c**, Oz. **35c**, ¼ lb. **\$1.20**, 1 lb. **\$3.50**, Postpaid.

Giant White Winter

Giant White is unequalled as a late winter celery. Like other winter varieties, it is not self-blanching, and must be blanched by banking with earth or with boards. On the Pacific Coast it may be left in the garden until wanted and will qualities; grows very tall, but with large, white stalks, very brittle, and the flavor is delicious.

Pkt. **10c**, Oz. **30c**, ¼ lb. **\$1.00**, Postpaid.

Giant White Solid

An excellent late fall and winter variety of immense size and good quality. Vigorous with fleshy, solid, tender stalks which in blanching become yellow-white.

Pkt. **10c**, Oz. **30c**, ¼ lb. **90c**, Postpaid.

Golden Self-Blanching

A good standard early variety; blanching easily. The heart is rich golden yellow; the outer leaves yellow.

Pkt. **10c**, Oz. **80c**, ¼ lb. **\$2.65**, Postpaid.

Chervil

Curled. Very finely curled, resembling parsley; used in soups and salads.

Pkt. **10c**, Oz. **25c**, ¼ lb. **80c**, Postpaid.

Chives

Usually grown as an edging and has a mild flavor of young onions. The leaves are used in soups and salads for seasoning.

Pkt. **15c**, Oz. **\$2.50**, Postpaid.

Collards

Georgia. A loose form of cabbage grown in the South for greens. Not adapted to the North.

Pkt. **10c**, Oz. **20c**, ¼ lb. **65c**, Postpaid.

Chicory

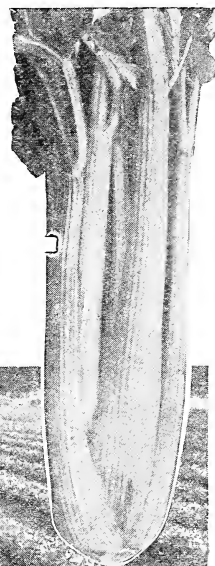
Large Rooted. Used as a substitute for coffee; and the young blanched shoots for salad.

Pkt. **10c**, Oz. **40c**, ¼ lb. **\$1.40**, Postpaid.

Celeriac or Turnip-Rooted Celery

Large Prague. Large, round, smooth, turnip-like roots; used for flavoring soups or as a salad.

Pkt. **10c**, Oz. **35c**, ¼ lb. **\$1.20**, Postpaid.



LILLY'S PARIS GOLDEN YELLOW

Sweet Corn

One pound of seed is sufficient for about two hundred hills;
fifteen pounds for an acre

Jilly's Golden Giant

A Brand New Early Variety

One of the most perfect Sweet Corns every introduced. Offered last season for the first time it has more than justified the claims we made for it and we confidently recommend it to every gardener who is looking for the finest type of Early Sweet Corn. Produces ears nine inches long with kernels of a deep golden yellow of exquisite flavor. Equal in every respect to Golden Bantam with the added advantage of larger ears very compactly filled. This excellent variety is Washington grown and therefore thoroughly acclimated—a point strongly in its favor. A trial will convince the most critical gardener that Golden Giant is destined to become very popular. Every Western planter will be pleased with the distinctive features of this Corn. It is very hardy and may be planted early. We advise you to mail order on receipt of this catalog to avoid disappointment as we are receiving enquiries before going to press with our book.

Pkt. 15c, ½ lb. 20c, 1 lb. 35c, 10 lbs. \$3.00. Postpaid

Stowell's Evergreen

An old and popular late sweet corn. The stalks grow about seven feet high and are very productive. The ears are seven to eight inches long, and the kernels are white, very tender and sugary, and remain a long time in condition for use.

Pkt. 15c, ½ lb. 20c, 1 lb. 35c, 10 lbs. \$3.00. Postpaid

Peep o' Day

One of the very earliest varieties. The ears are about five inches long, the kernels large, white and tender. The stalks are dwarf, only about four feet high, and usually bear two ears each.

Pkt. 15c, ½ lb. 20c, 1 lb. 35c, 10 lbs. \$3.00. Postpaid

Early Minnesota

A standard second early variety. The stalks grow about six feet high. The ears are about eight inches long, eight to ten rowed, and the kernels are very broad, white, sweet and tender.

Pkt. 15c, ½ lb. 20c, 1 lb. 35c, 10 lbs. \$3.00. Postpaid

Black Mexican

This sweet corn, when young, cooks remarkably white, but the ripe grain is black. It is an excellent late variety. The stalks grow about six feet high, and the ears about eight inches long. The kernels are tender, sweet and delicious.

Pkt. 15c, ½ lb. 20c, 1 lb. 35c, 10 lbs. \$3.00. Postpaid.

Country Gentleman

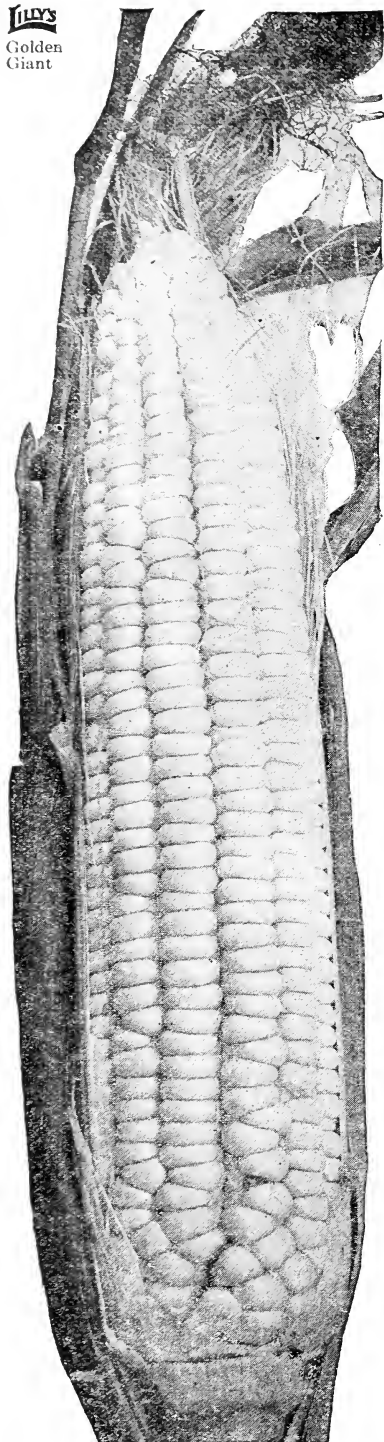
A splendid late variety. The small, white cob is densely crowded with irregular rows of long, slender, white kernels of excellent quality.

Pkt. 15c, ½ lb. 20c, 1 lb. 35c, 10 lbs. \$3.00. Postpaid.

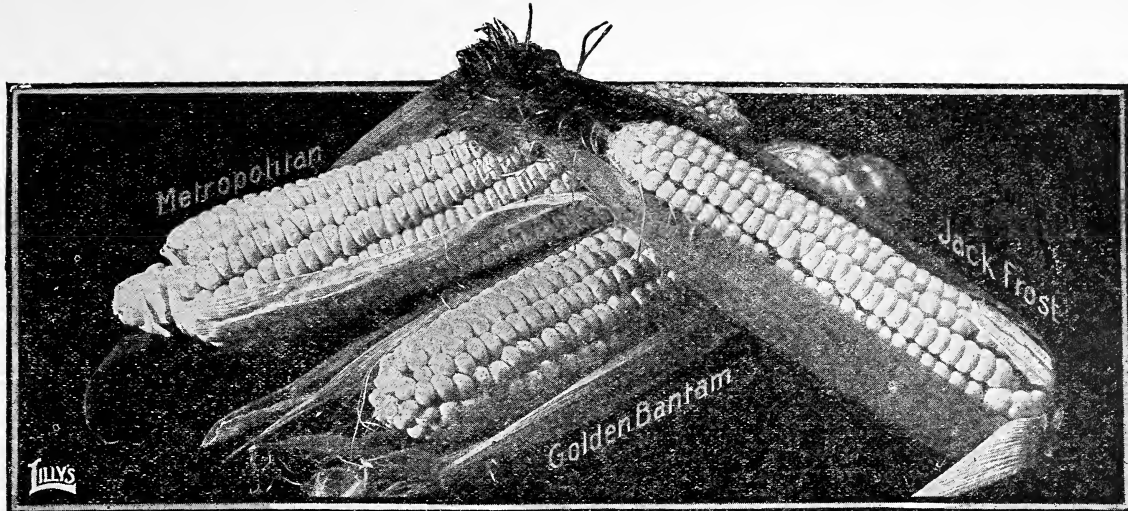
Early White Cob Cory

A very early sweet corn. The plants are dwarf, and usually bear two ears each. The ears are six to seven inches long, and the kernels are milky white, sweet and of good quality.

Pkt. 15c, ½ lb. 20c, 1 lb. 35c, 10 lbs. \$3.00. Postpaid.



Paul Thoisteir, Pt. Roberts, informs us
"The Pasture Seed No. 2 that I got from you is
doing fine, and I certainly can recommend it."



JILLY'S Golden Bantam

THE SWEETEST AND MOST DELICIOUS EARLY SWEET CORN

Golden Bantam is one of the sweetest and most deliciously flavored sweet corns that has ever been grown, and has no superior for the home garden or early market. In earliness it is excelled only by "Jack Frost," and in flavor it is surpassed by none. The ears are short, six to eight inches long, thick, and compactly filled with very large, plump, creamy yellow kernels, which become golden yellow as they ripen. The stalks are of medium height, sturdy and very productive, bearing two ears each. It is one of the hardiest varieties, may be planted early, and is especially adapted to the Northwest. Golden Bantam is extra early and plantings can be made a week or ten days earlier than with the less hardy varieties of White Sweet Corn. Sold only in

Pkt. 15c, 1/2 lb. 20c, 1 lb. 35c, 10 lbs. \$3.00. Postpaid.

JILLY'S Metropolitan

THE LARGEST EARLY SWEET CORN

Metropolitan is a great favorite in the Northwest, where few of the larger varieties can be depended upon. The ears are about eight inches long, and are well filled with ten to twelve rows of large, sweet kernels. It is a little later than Jack Frost and Golden Bantam, but earlier than other large varieties. The plants are tall and bear two or three ears each.

Pkt. 15c, 1/2 lb. 20c, 1 lb. 35c, 10 lbs. \$3.00. Postpaid.

JILLY'S Jack Frost

THE EARLIEST

This is the earliest variety of sweet corn, and is peculiarly adapted to the Pacific Coast. The ears are small, about five inches long, and are well filled with large white kernels of delicate flavor and melting tenderness. It remains tender and fit for use longer than other varieties. The plant is dwarf, and each stalk bears two or more ears. Sold in sealed packages

Pkt. 15c, 1/2 lb. 20c, 1 lb. 35c, 10 lbs. \$3.00. Postpaid.

Early Evergreen

Has ears fully as large as those of Stowell's and is about five days earlier. Its most valuable feature, is the extreme paper whiteness of the grains, which makes not only a more attractive ear when served on the table, but is most important for the canner. It retains its whiteness when put up in cans.

Pkt. 15c, 1/2 lb. 20c, 1 lb. 35c, 10 lbs. \$3.00. Postpaid.

A Good
Pointer
About
Picking

To have the finest sweet corn, it must be picked in just the right condition, that is, when the skin of the grain breaks at the slightest puncture, and plantings should be made frequently enough always to have a supply at this stage. The quality will be inferior if it is either a few days too old or too young.

HOW TO GROW CORN

Sweet Corn should be planted as soon as the soil is thoroughly warmed in spring, and successive plantings should be made at intervals of two weeks; or early, medium and late varieties planted; for succession. It is very sensitive to frost, and early plantings may be killed, but it is neither much trouble nor expense to replant. If the early plantings are not killed the result will be worth taking a chance for.

In our cool climate west of the Cascade Mountains, to grow corn successfully, a rich, light, warm soil must be selected, and it must be highly cultivated and fertilized. Light applications of nitrate of soda or nitrate of lime early in the growing season will help to give it a good start.

The seed may be planted in drills three feet apart and the plants thinned to a single stalk every foot in the rows, or five or six kernels may be planted in hills three feet apart each way and thinned to three plants in each hill.

Large quantities of commercial fertilizers should be used, with potash and phosphoric acid predominating. Nitrates should be used early in the season only, as they tend to retard maturity. Cultivation should be frequent and thorough, and, especially after spring rains have ceased, should be shallow.

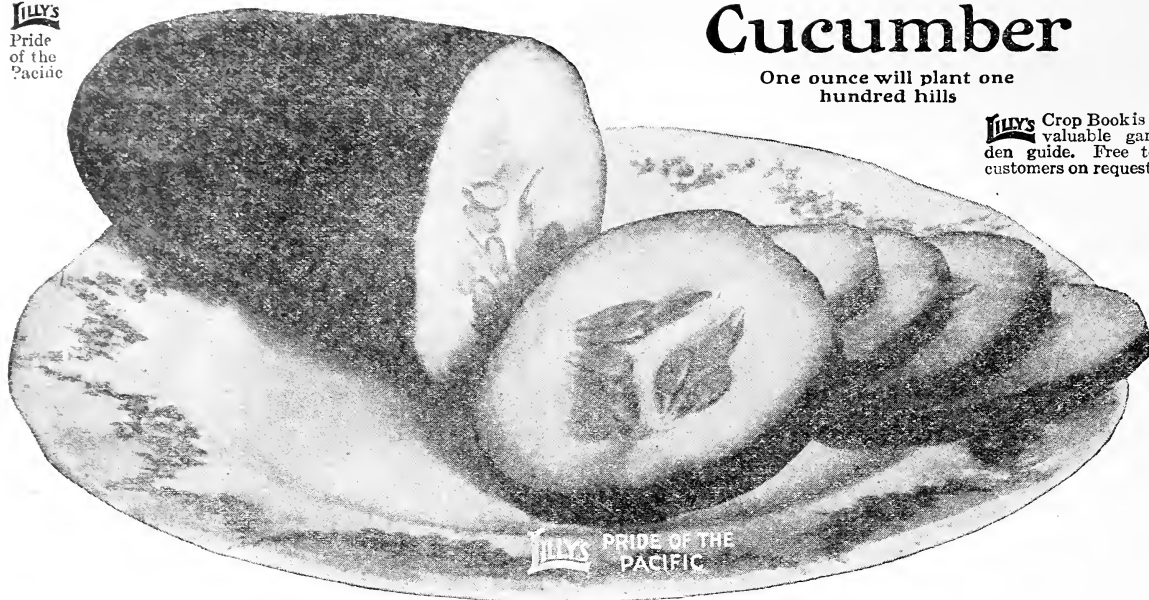
One pound of seed is sufficient for about two hundred hills; fifteen pounds for an acre.

In the words of W. Pringle, Mist, Oregon,
"We are very much pleased with your seeds and plants."

Cucumber

One ounce will plant one
hundred hills

LILLY'S Crop Book is a
valuable garden
guide. Free to
customers on request.



LILLY'S Pride of the Pacific

A highly improved strain of the White Spine family, brought to its present state of perfection by the most careful methods of selection and cultivation. One of the best varieties for greenhouse culture. Unsurpassed for growing outdoors, either for market or home use. The hardy, vigorous vines produce immense crops of smooth, rich, deep green fruit, large, symmetrical and very uniform. It is ideal for slicing, the flesh being sparkling white, crisp, tender, and of a delicious flavor.

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **65c**, 1 lb. **\$2.00**, Postpaid.

LILLY'S Pickling

Unequalled for Large or Small Pickles

The young cucumbers are thickly set with small spines, and possess the distinctly roughened surface so much desired for small pickles. The full grown fruits are nine to ten inches long and two and one-half inches in diameter; of good shape, fine quality and flavor, good for slicing. The vines are hardy, exceedingly prolific, and continue to bear longer than most sorts. Sold only in sealed packages.

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **65c**, 1 lb. **\$1.50**, Postpaid.

White Spine Improved

One of the best sorts for table use. The vines are vigorous fruiting early and abundantly. The fruits are uniformly straight, dark green, fairly covered with white spines, and when mature are usually about seven inches in length. The flesh is crisp, tender, and of excellent quality.

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **65c**, 1 lb. **\$1.50**, Postpaid.

Long Green

The fruits are long, firm and crisp; excellent for slicing, or when small they are good for pickling. The vines are sturdy and very productive. The fruits are uniform in size and shape, slender, often a foot long, and very dark green. The best variety for sweet pickles.

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **65c**, 1 lb. **\$2.00**, Postpaid.

LILLY'S Improved Telegraph (FOR FRAME CULTURE)

The finest type of this celebrated cucumber for market growing. The quality and beauty of the fruit is of the highest—skin smooth, deep in color and the fruit remains stiff after cutting; produces 3 to 4 cucumbers to a joint. A long fruit, 18 to 20 inches with short handle. Per Packet **25c**, Postpaid.

Davis Perfect

A Splendid Extra Early Cucumber

This variety grows nine to twelve inches long, and perfect in shape, color, quality and flavor. It is very early, and when grown outdoors so closely resembles hothouse fruit that it often brings the same fancy prices. The glossy dark green color is maintained almost to maturity, and it retains its color and freshness longer than other varieties, making it splendid for market. Lilly's Select Stock is sold in sealed packages only.

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **65c**, 1 lb. **\$2.00**, Postpaid.

Early Cluster

An early and very productive variety. The vines are hardy and very vigorous, bearing fruits in clusters of two or three. The fruits are short, thick bright green, crisp and tender. Used for both pickling and slicing.

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **65c**, 1 lb. **\$1.50**, Postpaid.

Early Frame, or Short Green

An early bright cucumber of medium size, extensively used for slicing and pickling. The vines are vigorous and productive. The fruits are bright green, crisp and tender.

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **65c**, 1 lb. **\$1.50**, Postpaid.

Boston Pickling

A very productive variety; extensively grown for pickles. The fruits are bright green, of medium size, smooth and symmetrical. The flesh is crisp and tender.

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **65c**, 1 lb. **\$1.50**, Postpaid.

Lemon Cucumber

Resembles a lemon in shape, size and color and has a flavor distinctive and superior to any other variety. It lacks the bitterness of the common cucumber. Very prolific. Can be eaten freely without harmful results.

Pkt. **10c**, Oz. **30c**, $\frac{1}{4}$ lb. **\$1.00**, 1 lb. **\$3.00**. Postpaid.

D. S. Richards, Lakeview, Oregon, states
"Lilly's Jack Frost Corn is the finest I ever saw
in the West."

Corn Salad

Large Headed Fetticus or Lamb's Lettuce

A small, quick growing salad plant, for late fall, winter and spring use. The leaves are used as a substitute for lettuce and spinach.

Pkt. **10c**, Oz. **30c**, $\frac{1}{4}$ lb. **\$1.00**, Postpaid.

Cress

Curled or Pepper Grass

The leaves are frilled and curled crisp and pungent, and are used in salads and for garnishing meats.

Pkt. **10c**, Oz. **20c**, Postpaid.

Water Cress

A distinct variety of cress with small oval leaves, which are used for salad. It must be grown in shallow water and the seed is scattered along the banks of streams or ponds.

Pkt. **10c**, Oz. **60c**, Postpaid.

Endive



Broad Leaved Batavian

(Escarolle)

Especially Adapted to the Pacific Coast

Endive is an excellent salad vegetable, used similar to lettuce, or it may be cooked as greens, and in our mild climate on the Pacific Coast it may be had at all seasons of the year. Not as generally known in the home garden as it deserves to be.

Batavian Broad Leaved is especially adapted to our climate and may be left in the garden during the winter. The leaves are broad, twisted and waved, deep green, with thick, white midribs. The inner leaves form a clustering head which blanches to a beautiful creamy white and is crisp and tender.

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **65c**, Postpaid.

Green Curled Endive

A hardy, vigorous variety, bright, deep green leaves usually tinged with rose, blanching to a deep cream color.

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **65c**, Postpaid.

Egg Plant

New York Improved

Very productive, the plants bearing six to eight fruits each. The fruits are large, nearly round, dark purple, free of thorns and of excellent quality.

Pkt. **10c**, Oz. **75c**, $\frac{1}{4}$ lb. **\$2.50**, Postpaid.

Black Pekin

An early variety with fruits nearly as large as the later sorts. The fruit is nearly round, the skin smooth, black and glossy.

Pkt. **10c**, Oz. **75c**, $\frac{1}{4}$ lb. **\$2.50**, Postpaid.

Kohl-Rabi

Early White Vienna

A turnip-like bulb, formed above ground, combining somewhat the flavor of turnips and cabbage. Large enough to be used in ten or twelve weeks from time of sowing.

Pkt. **10c**, Oz. **30c**, $\frac{1}{4}$ lb. **\$1.00**, Postpaid.

HERBS

	Pkt.	Oz.
Anise.....	.10	\$0.40
Caraway.....	.10	.50
Catnip.....	.10	1.25
Dill.....	.10	.20
Horehound.....	.10	.40
Lavender.....	.10	.65
Rosemary.....	.10	.75
Sage.....	.10	.85
Summer Savory..	.10	.65
Sweet Basil.....	.10	.45
Sweet Fennel.....	.10	.30
Sweet Marjoram..	.10	.80
Tansy.....	.10	.75
Thyme.....	.10	.90
Wormwood.....	.10	.75

Leek

Large American

Flag

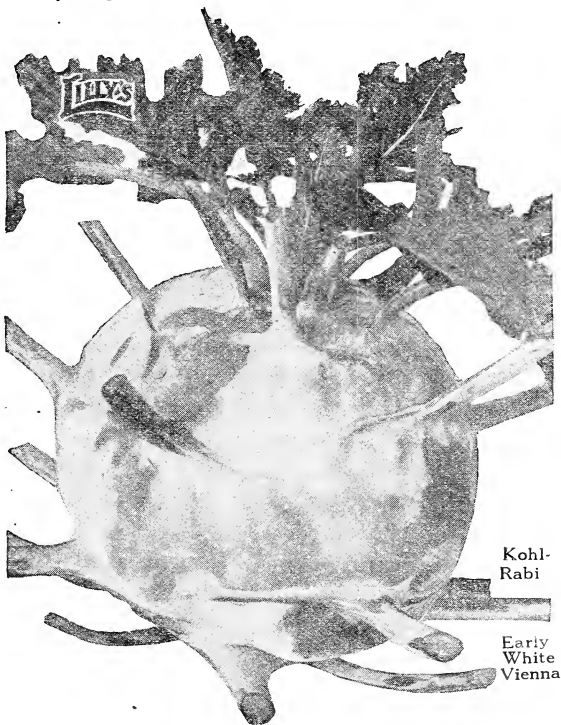
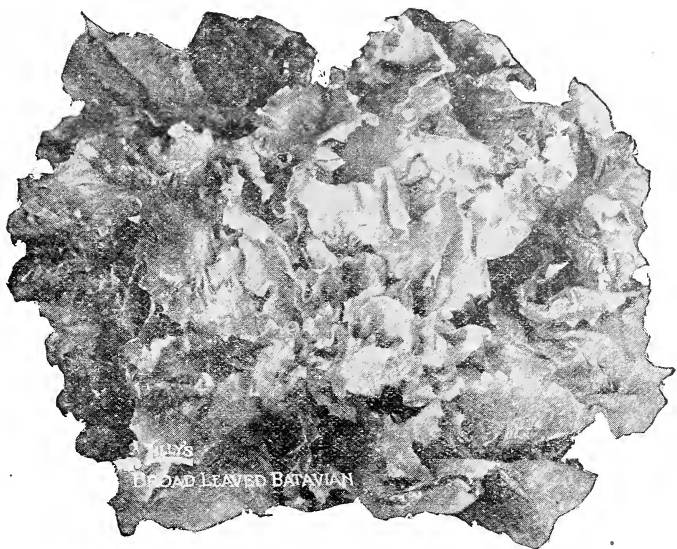
The leek belongs to the onion family, and is a good fall and winter substitute for green onions.

Pkt. **10c**, Oz. **35c**, $\frac{1}{4}$ lb. **\$1.15**, Postpaid.

Musselburg

An improved variety growing to a very large size, with broad leaves spreading like a fan.

Pkt. **10c**, Oz. **35c**, $\frac{1}{4}$ lb. **\$1.15**, Postpaid.



Kohl-Rabi

Early White Vienna

Lettuce

One ounce of seed
for 400 feet of drill

Lilly's Delicious

An Extra Early Head Lettuce.

Very early, forming handsome, compact, firm heads of medium size of the finest quality, earlier than any other. The color is a light yellowish-green, the outer leaves slightly tinged with brown, the inside blanching to a rich golden yellow. The thick leaves are tender and have a delicious, rich, buttery flavor. Although generally used for early outdoor culture, it is excellent for forcing and for succession during the summer. The heads are round, solid, and stand shipping well. Sold only in sealed packages.

Pkt. 10c, Oz. 25c, ¼ lb. 85c, 1 lb. \$2.25, postpaid.



Lilly's Forcing

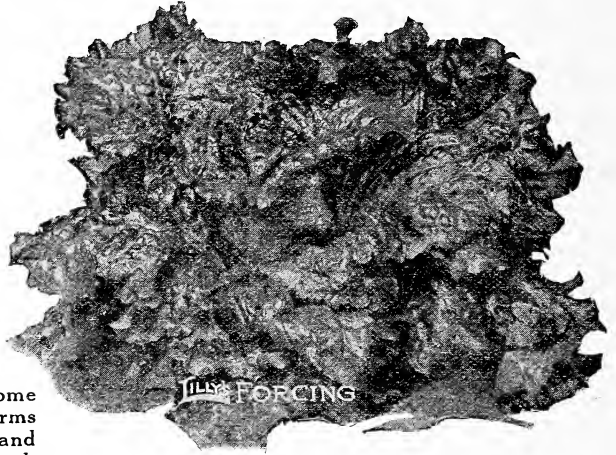
Excellent for Extra Early Out Door Culture
For forcing in greenhouse or cold frames, or for extra early outdoor culture, this variety has no superior. The plant grows upright, does not form heads, but makes a quick growth of large, thin, light green leaves, finely curled, crimped, and savoyed. It remains in condition for cutting for a considerable time, and stands shipping better than most varieties.

Pkt. 10c, Oz. 25c, ¼ lb. 85c, 1 lb. \$2.25, Postpaid.

Lilly's Nonpareil Hanson Head

A splendid head lettuce for either market or home use for late summer. The plant is compact, and forms large, solid, cabbage-like heads of fine quality and flavor. The leaves are bright yellowish-green; broad, crumpled, and frilled at the edges; and with distinctive midrib. Inner leaves are white, very crisp, and sweet.

Pkt. 10c, Oz. 20c, ¼ lb. 50c, 1 lb. \$1.50.



Boston Market or Tennis Ball

A popular, small, compact head variety, good for forcing or for early outdoor culture. It is hardy; the heads are solid, and the leaves are dull green in color, crisp, and of good flavor. This is the white seeded sort.

Pkt. 10c, Oz. 20c, ¼ lb. 50c, 1 lb. \$1.50, Postpaid.

Prizehead

A large clustering, non-heading lettuce, easy to grow and an excellent variety for the home garden, but not recommended for market, as it is too tender to stand shipping and handling.

Pkt. 10c, Oz. 20c, ¼ lb. 50c, 1 lb. \$1.50, Postpaid.

May King

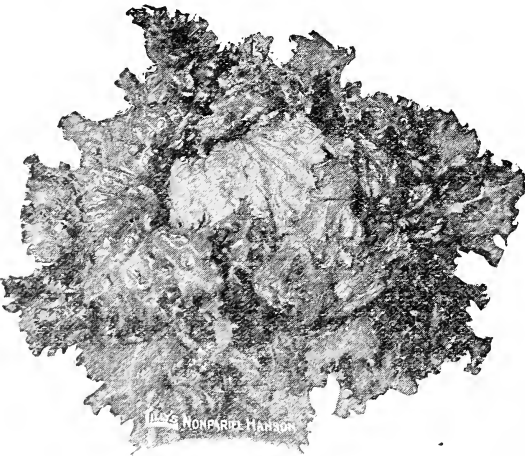
This is a very hardy variety of early head lettuce and will stand much cold, damp weather. It may be planted under glass or outdoors, and in either case will produce fine heads much sooner than most other varieties.

Pkt. 10c, Oz. 20c, ¼ lb. 60c, 1 lb. \$1.75, Postpaid.

Big Boston

A fine forcing variety, producing heads of very large size, often measuring ten to twelve inches in diameter. It succeeds better in cooler temperatures than most strains. Heads well in the open ground during the cool weather of spring or fall. One of the most widely grown of all American varieties.

Pkt. 10c, Oz. 25c, ¼ lb. 85c, 1 lb. \$2.25, Postpaid.



W. R. Walker, Nehalem, Oregon, informs us
"We have used your seeds for two seasons, and
have nothing but praise for them."

Lilly's
1923
ANNUAL

Lettuce

New York or Wonderful

JILLY'S SEATTLE STRAIN

JILLY'S
Seattle Strain

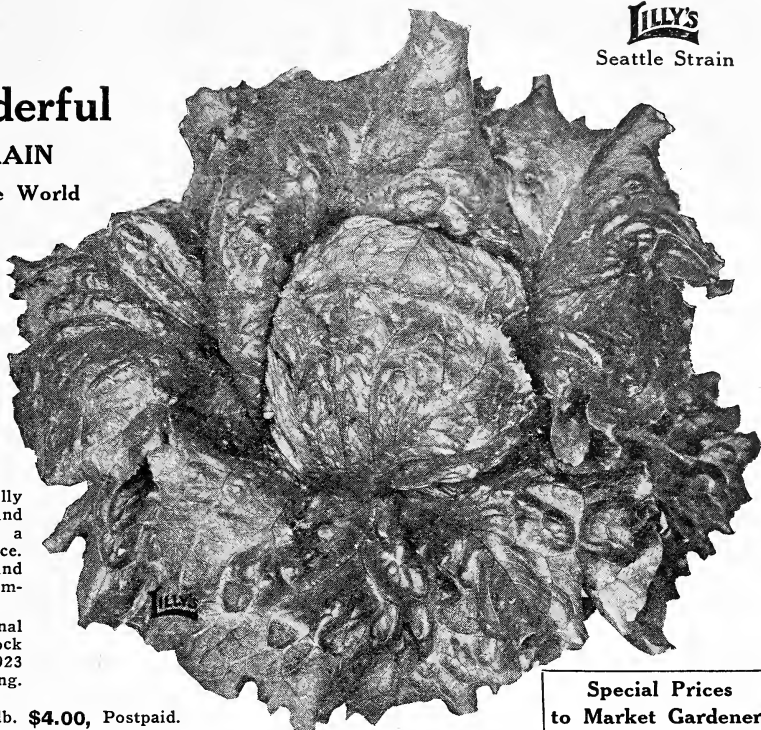
The Best Head Lettuce in the World

Over five hundred carloads of this variety were shipped to Eastern markets in 1922—all from seeds grown on Puget Sound.

As the accompanying photo shows, New York Lettuce is of the cabbage head type; dark green in color, exceedingly crisp, firm, hard heading and stands shipping better than any other sort. Its excellent quality commends it on all markets.

It is deep rooting, stands heat well, is slow to run to seed, and especially adapted for growing during the summer months. The interior is beautifully blanched, creamy white, crisp, tender and delicious. Especially recommended as a standard, main crop, hot-weather lettuce. Very popular with market gardeners, and is equally good for home use. Not recommended for forcing.

Our sales last season were phenomenal and we have provided a generous stock of the famous "Seattle Strain" for 1923 planting. We recommend early ordering.



Pkt. 10c, Oz. 40c, $\frac{1}{4}$ lb. \$1.25, 1 lb. \$4.00, Postpaid.

**Special Prices
to Market Gardeners**

Grand Rapids

A very popular loose leaved variety for greenhouse forcing. It grows quickly, is hardy, not liable to rot, remains in condition for cutting for several days, and stands shipping better than most sorts.

Pkt. 10c, Oz. 20c, $\frac{1}{4}$ lb. 65c, 1 lb. \$2.00, Postpaid.

Early Curled Simpson

A standard variety for forcing or for very early outdoor culture. The leaves, in loose clusters, are light green in color, slightly frilled and much blistered, are crisp, tender and sweet. Especially adapted for sowing thickly and cutting while the plants are young.

Pkt. 10c, Oz. 20c, $\frac{1}{4}$ lb. 50c, 1 lb. \$1.50, Postpaid.

Los Angeles Market

One of the most reliable, sure-heading sorts; heads globular, large and late; leaves large and very broad, borders finely frilled; color clear light green. A fine variety for midsummer planting outside, as it withstands the hot season and is a slow seeder.

Pkt. 10c, Oz. 40c, $\frac{1}{4}$ lb. \$1.25, 1 lb. \$4.00, Postpaid.

Iceberg

A decidedly crisp variety, strictly cabbage heading, large, late, slow to shoot seed. Plant spreading but not loose in habit, and forming a globular, hard, well-balanced head, with leaves very completely and tightly overlapping one another. Color light green excepting faint brown along extreme border.

Pkt. 10c, Oz. 25c, $\frac{1}{4}$ lb. 85c, 1 lb. \$2.50.

Paris White Cos

Grows to very large size. The inner leaves blanch readily and are of fine flavor. One of the most popular market sorts; also called White Paris Self-Folding Cos or Trianon Cos.

Pkt. 10c, Oz. 20c, $\frac{1}{4}$ lb. 60c, 1 lb. \$1.75, Postpaid.

Kale or Borecole

JILLY'S Emerald Isle

A grand variety of green curled winter kale, and is most desirable on account of its hardiness, excellent quality and beautiful appearance. Of medium height, the leaves are so finely fringed and curled as to resemble parsley, and it is of a beautiful rich, emerald green color. It is hardy; on the Pacific Coast it is seldom injured by freezing, in fact is improved by frost, and may be cut and used at any time during the winter.

Pkt. 10c, Oz. 25c, $\frac{1}{4}$ lb. 75c, Postpaid.

Tall Scotch

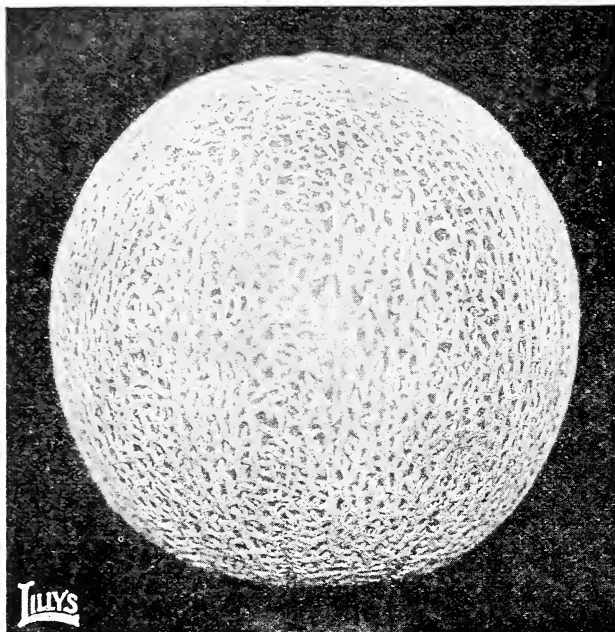
Grows three to four feet high, bearing long, plume-like light green leaves, which are deeply cut and finely curled at the edges. Very ornamental, and sufficiently hardy to resist frost.

Pkt. 10c, Oz. 25c, $\frac{1}{4}$ lb. 65c, Postpaid.

Dwarf Green Curled

A very hardy and vigorous variety of dwarf, spreading habit. The large green leaves have a bluish tinge or bloom, are comparatively plain in the center, but are cut and frilled at the edges.

Pkt. 10c, Oz. 20c, $\frac{1}{4}$ lb. 65c, Postpaid.



Pollock 10-25

Musk Melon

LILLY'S Pollock 10-25

Salmon Tint

The latest and positively the most successful of any Musk Melon introduced to date. It is not an untried variety but one that has proved its merit which distinguishes it as the most popular melon with growers everywhere. It is a re-selection from the Pollock No. 25 and supercedes that excellent sort by reason of its long distance shipping qualities. An early melon of the solid netted type, very small seed cavity with thick luscious flesh of genuine salmon tint shading to green near the rind. A prolific yielder and is admittedly the finest salmon-fleshed melon ever introduced. We strongly recommend a trial.

Pkt. 10c, Oz. 25c, ¼ lb. 85c, 1 lb. \$2.50, Postpaid.

Burrell's Gem

A very popular variety in this locality. The skin is rather dark green; the rind is thin, and flesh very thick, salmon colored, of a most delicious, juicy flavor.

Pkt. 10c, Oz. 20c, ¼ lb. 50c, 1 lb. \$1.50, Postpaid.

Rocky Ford or Netted Gem

Very popular for market and the home garden. It is medium early; the fruits are oval, slightly ribbed and densely covered with fine netting. The flesh is green, very sweet and highly flavored.

Pkt. 10c, Oz. 20c, ¼ lb. 50c, 1 lb. \$1.50, Postpaid.

Osage or Miller's Cream

Medium early, large and nearly round. The skin is deep green, free from netting, heavily ribbed and light green bands between the ribs. The flesh is very thick, orange colored, firm and of fine quality.

Pkt. 10c, Oz. 20c, ¼ lb. 50c, 1 lb. \$1.50, Postpaid.

Nutmeg

A well-known old variety. The fruits are round, about seven inches in diameter, well ribbed, heavily netted. The flesh is pale green sweet and melting.

Pkt. 10c, Oz. 20c, ¼ lb. 50c, 1 lb. \$1.50, Postpaid.

Honey Dew Casaba

Fruits with smooth, almost white rind, measuring about six inches in diameter by seven to eight inches long. The green flesh is thick and is of a peculiar sweet flavor. To have the melons in the best condition gather as soon as they slip from the vine and store in a cool place for two or three days.

Pkt. 10c, Oz. 35c, ¼ lb. \$1.00, 1 lb. \$3.00, Postpaid.

Mushroom Spawn

is produced by a new system of selection and inoculation. The pure cultures are taken direct from selected specimens and produce mushrooms of the finest quality of uniform variety and color. We can furnish either white, Cream-White or Brown varieties. In bricks weighing about one and one-quarter pounds. One brick is sufficient to spawn nine square feet of bed. Brick 40c, 5 Bricks \$1.75, Postage extra.

Lambert's
Pure
Culture

Ask for leaflet on Mushroom Culture—FREE on request.

LILLY'S Improved Rocky Ford

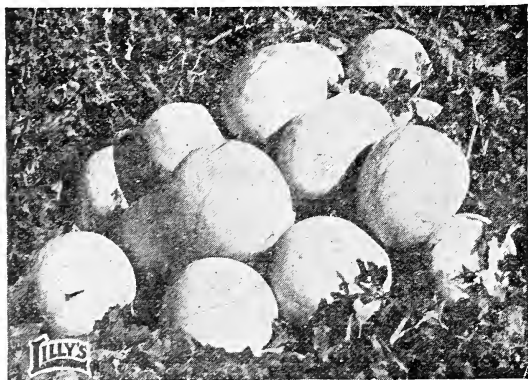
The Rocky Ford is the delicious little cantaloupe served in the best restaurants and hotels. It is small, about five inches in diameter, oval in form, and the skin is rich greenish-gold covered with a beautiful yellow netting. The flesh is light green, very deep, ripening clear to the rind, very solid and with a very small seed cavity.

Pkt. 10c, Oz. 20c, ¼ lb. 65c, 1 lb. \$2.00, Postpaid.

Extra Early Hackensack

A popular variety. The fruits are round, about seven inches in diameter, well ribbed and heavily netted. The flesh is pale green, sweet and melting.

Pkt. 10c, Oz. 20c, ¼ lb. 60c, 1 lb. \$2.00, Postpaid.



Honey Dew Casaba

J. E. Shannon, North Yakima, states
"We used Lilly's Soluble Sulphur last season and obtained absolutely satisfactory results."

LILLY'S
1923
ANNUAL

Water Melon

One ounce of seed
will plant 30 hills

Lilly's Ice Cream (Black Seed)

Best Early Variety for Market

The fruit is of uniform medium size; round, smooth and of fine appearance. It is very early and yields prodigiously. The flesh is a beautiful bright red, crisp and of delicate texture, granulated, cool and sparkling. It has very few seeds, the heart is solid and the fine quality is sustained clear to the rind.

Pkt. 10c, Oz. 30c, $\frac{1}{4}$ lb. \$1.00, 1 lb. \$3.00. Postpaid.

Georgia Rattlesnake

Very large and long, suitable for warm localities. The skin is light green, distinctly striped and blotched with a darker shade. The flesh is bright scarlet tender and sweet.

Pkt. 10c, Oz. 20c, $\frac{1}{4}$ lb. 45c, 1 lb. \$1.25, Postpaid.

Cole's Early

One of the easiest varieties to grow; very early and adapted to conditions in the Northwest. A good shipper and excellent for market; also a good variety for the home garden. It is not large but is very productive; nearly round; the rind is very thin, and the deep red flesh is of excellent quality.

Pkt. 10c, Oz. 20c, $\frac{1}{4}$ lb. 40c, 1 lb. \$1.25, Postpaid.

Kleckly Sweet or Monte Christo

An excellent variety for home use, but the rind is too thin to stand shipping long distances. It is of medium size; oval; dark green slightly mottled. The flesh is bright red and exceedingly sweet.

Pkt. 10c, Oz. 20c, $\frac{1}{4}$ lb. 50c, 1 lb. \$1.50. Postpaid.

Lilly's Sweet as Honey

Unequaled for Home Use in the Northwest

This is the best and most delicious of all early watermelons for the Northwest. It is medium in size, oblong in form, and the skin is a rich dark green. The flesh is bright scarlet clear to the rind, and entirely free from stringiness. The seeds lie close to the rind, leaving a very large solid core, lusciously sweet crisp and melting. Sold in sealed packages only.

Pkt. 10c, Oz. 20c, $\frac{1}{4}$ lb. 45c, 1 lb. \$1.25, Postpaid.

Florida Favorite

Very large and of excellent quality. The fruits are long, dark green, irregularly striped and mottled. The flesh is deep red very sweet and tender. Seed nearly white.

Pkt. 10c, Oz. 20c, $\frac{1}{4}$ lb. 40c, 1 lb. \$1.25, Postpaid.

Tom Watson

Probably the best shipping melon, and one of the best main crop sorts; grows a very large size. Fruit large and long in shape, colored a medium green with a light tracing of a darker shade, flesh rich red and of good quality; seeds white.

Pkt. 10c, Oz. 20c, $\frac{1}{4}$ lb. 50c, 1-lb. \$1.50, Postpaid.

Citron—Red Seeded

Small round melons, used exclusively for preserves or pickles; not suitable for eating. The skin is dark green, distinctly striped and marbled with light green. The flesh is white, matures late in the fall and may be kept for a long time.

Pkt. 10c, Oz. 20c, $\frac{1}{4}$ lb. 45c, 1 lb. \$1.25. Postpaid.

No fruit is so easily grown or more delicious to eat than good Water Melon. We take every precaution to have varieties true to type.

Mustard

Southern Curled

Hardy and vigorous, with large light green leaves crimped and frilled at the edges. Excellent while young for salads and garnishing. Seed is dark brown and small.

Pkt. 10c, Oz. 20c, $\frac{1}{4}$ lb. 40c

1 lb. \$1.25, Postpaid.

White English

Leaves are dark green, small, smooth and deeply cut; mild and tender when young. The seeds are large and light yellow.

Pkt. 10c, Oz. 20c, $\frac{1}{4}$ lb. 45c

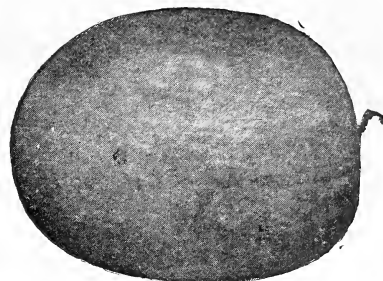
1 lb. \$1.25, Postpaid.

Okra or Gumbo

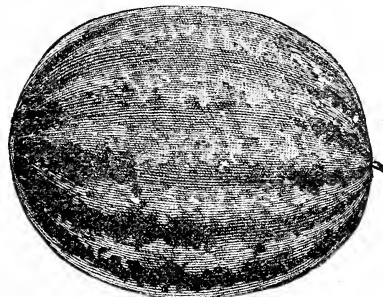
Dwarf Green

Grown for its green pods which are used in soups, stews, etc., to which they impart a rich flavor and are considered very nutritious. Produces an abundance of long, slender, pale green pods, which are very tender when young.

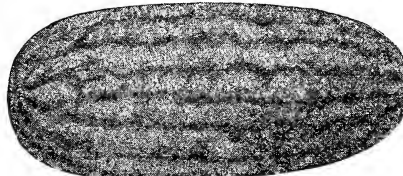
Pkt. 10c, Oz. 20c, $\frac{1}{4}$ lb. 50c
Postpaid.



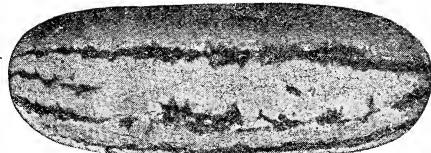
Ice Cream (Black Seed)



Cole's Early



Florida Favorite



Georgia Rattlesnake



Tom Watson

Lilly's Black Seeded Ice Cream

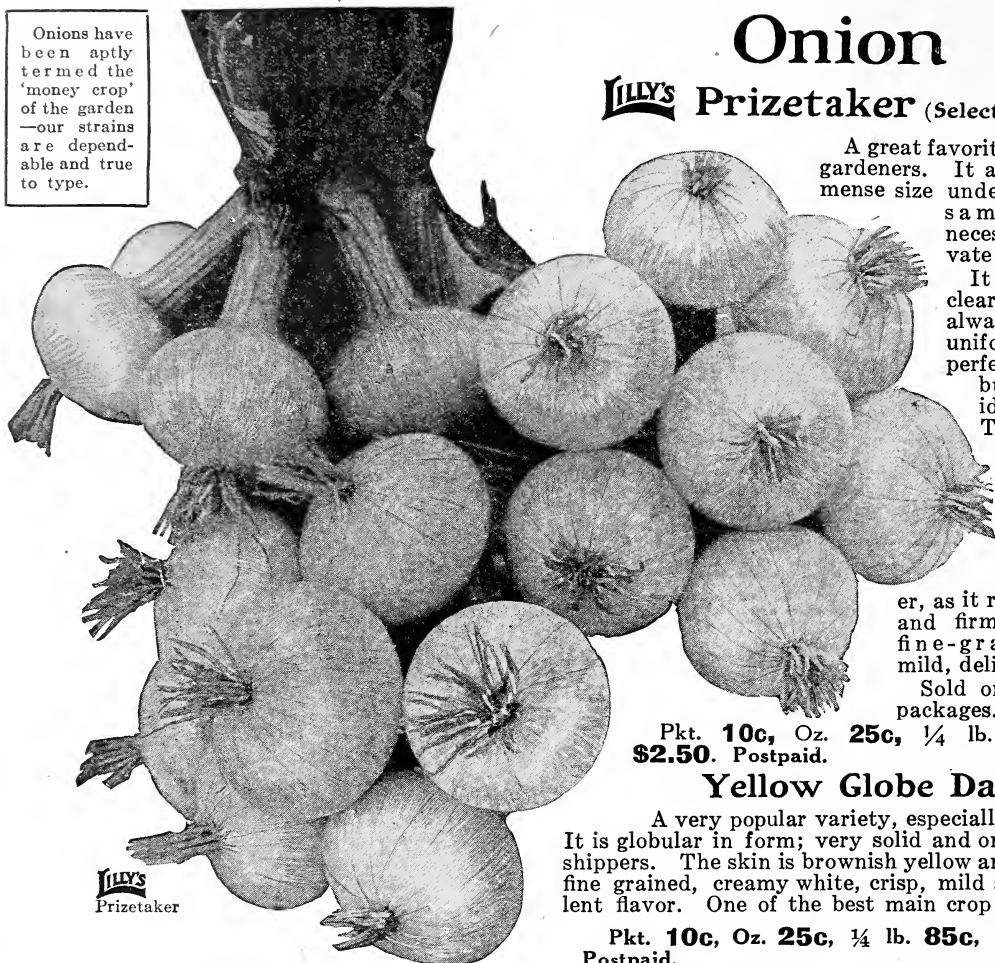
Water Melon is the variety grown extensively in the Yakima Valley. The seed we offer was produced by one of the best growers in the country and its uniformity can be depended upon. (See top of page.)

LILLY'S
1923

ANNUAL

A. C. Owen writes from Amy, Kansas,
"I have used Lilly's garden seeds for two years
and have had good success with them."

Onions have been aptly termed the 'money crop' of the garden—our strains are dependable and true to type.



JILLY'S
Prizetaker

Onion

JILLY'S Prizetaker (Select Stock)

A great favorite with market gardeners. It attains its immense size under exactly the same conditions necessary to cultivate other sorts.

It is a bright clear straw color; always grows to a uniform and most perfect shape. The bulb is very solid and heavy. The flesh is crisp, white and of delicious quality. It is very hardy and a good winter keeper.

er, as it ripens up hard and firm. It is very fine-grained and of mild, delicate flavor.

Sold only in sealed packages.

Pkt. 10c, Oz. 25c, ¼ lb. 85c, 1 lb. \$2.50. Postpaid.

Yellow Globe Danvers

A very popular variety, especially for market. It is globular in form; very solid and one of the best shippers. The skin is brownish yellow and the flesh is fine grained, creamy white, crisp, mild and of excellent flavor. One of the best main crop varieties.

Pkt. 10c, Oz. 25c, ¼ lb. 85c, 1 lb. \$2.50. Postpaid.

Australian Brown

An early onion of medium size and nearly globular shape, a sure keeper. The skin is a bright brown and the flesh is white, crisp, extremely solid, and of a sweet, mild flavor.

Pkt. 10c, Oz. 20c, ¼ lb. 60c, 1 lb. \$1.75. Postpaid.

Southport White Globe

The mild flavor of this wonderful variety is famed the world over. It will average from 2 to 2½ inches in diameter and produces large yields. The flesh is fine grained, crisp and of a very fine flavor and snowy white in color.

Pkt. 10c, Oz. 35c, ¼ lb. \$1.20, 1 lb. \$3.50. Postpaid.



White Queen (For Pickles and Early Green Onions)

This small white onion is used for pickling, and is also a favorite for green onions in the market garden and home garden, as it produces green onions almost as early as they can be produced from sets. They are extra early, very small, round, not necky, handsome, and very hard and crisp. The color is a beautiful waxy white, and flavor is deliciously mild. Sold in sealed packages only.

Pkt. 10c, Oz. 40c, ¼ lb. \$1.50, 1 lb. \$4.50. Postpaid.

Yellow Flat Danvers

Very similar to Yellow Globe Danvers, except in shape. It is early, very productive and reliable. The form is round, flattened with small neck. The skin is thin and pale yellow and the flesh is white and mild.

Pkt. 10c, Oz. 20c, ¼ lb. 65c, 1 lb. \$2.00. Postpaid.

Large Red Wethersfield

A very large onion flattened in shape and with skin of a purplish red color, and flesh purplish white; rather strong flavored, but good and an excellent keeper.

Pkt. 10c, Oz. 25c, ¼ lb. 85c, 1 lb. \$2.50. Postpaid.

H. M. McLaughlin, Fall Creek, Oregon, says
"Last year's experience proved to me that seeds which were acclimated to the West were superior to Eastern seeds."

JILLY'S
1923
ANNUAL

Onion

One ounce of seed
will sow 300 feet

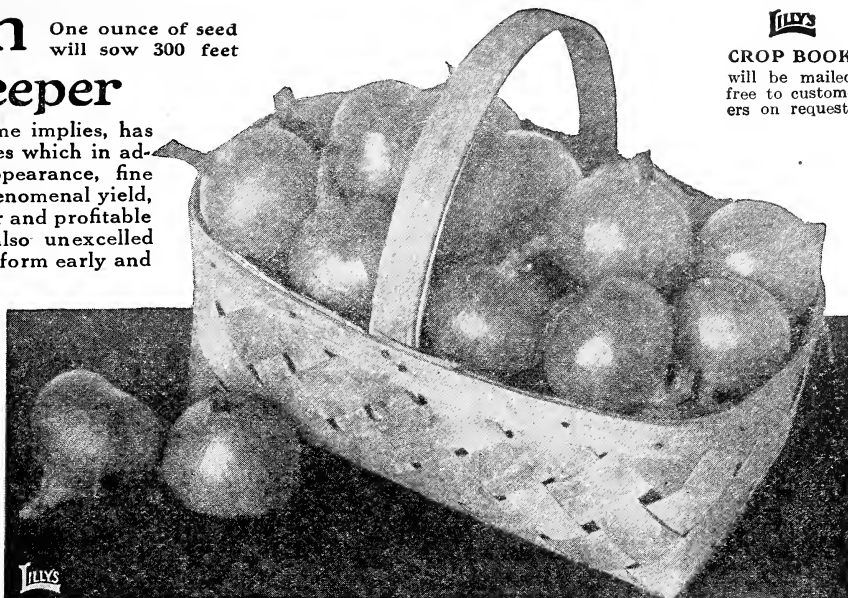
Lilly's Longkeeper

Longkeeper, as the name implies, has marvelous keeping qualities which in addition to its splendid appearance, fine quality and flavor, and phenomenal yield, makes it the most popular and profitable for the market. It is also unexcelled for home use, as the bulbs form early and they may be used all summer. It is globular in form; of an attractive brownish yellow color, mild and of delicious flavor. The neck is very small, and the tops die down entirely; of medium size, uniform, very solid and heavy, and produces immense crops. Sold only in sealed packages.

Pkt. 10c, Oz. 30c, $\frac{1}{4}$ lb.

90c, 1 lb. \$3.00

Postpaid.



CROP BOOK
will be mailed
free to custom-
ers on request.

Lilly's Western Wethersfield

An improved strain of Western Wethersfield, acclimated to the Pacific Coast. It is flattened like the Red Wethersfield, is very large, and our selected seed produces large crops, free from necky or misshapen bulbs. The color is a rich dark red; flesh is a sparkling purplish white, and the flavor is good. Highly recommended for those who wish a large red onion. Sold in sealed packages only.

Pkt. 10c, Oz. 30c, $\frac{1}{4}$ lb. 90c, 1 lb. \$3.00, Postpaid.

White Portugal or Silverskin

A very popular medium white onion, much used for green onions, pickles and for fall and winter planting. The bulbs grow to good size, ripening early and quite evenly, are silvery white, nearly round when of bunching size, but flattened when mature. The flesh is mild and of

Pkt. 10c, Oz. 35c, $\frac{1}{4}$ lb. \$1.25, 1 lb. \$3.50. Postpaid.

Oregon Yellow Danvers

A type developed in Oregon where it is very popular, in fact, it is considered by many the standard market variety in that State. The bulbs ripen up hard and early; are good keepers; an excellent sort for table or market. It has the thin brownish yellow skin of the Danver types with firm, white, fine grained flesh which is mild in flavor. Bulbs grow uniformly large, half globe shape with small neck.

Pkt. 10c, Oz. 30c, $\frac{1}{4}$ lb. \$1.00, 1 lb. \$3.00. Postpaid.

Sweet Spanish

Of Spanish origin this excellent variety was introduced into this country several years ago. Its unusual mild flavor combined with its good keeping qualities made it immediately popular. The striking characteristic is its flavor or rather absence of unpleasant taste of the "strong" onion. It grows very large onions globe shaped with small top. Color light yellow and is a good shipper.

During the past two seasons large quantities have been grown in the Yakima Valley with great satisfaction and profit to the grower and its popularity is rapidly extending to points far East.

Be sure to plant it in your home garden—it will surely please you.
ORDER EARLY. Pkt. 20c, Oz. 80c, $\frac{1}{4}$ lb. \$2.65, 1 lb. \$8.00. Postpaid.



Onions
growing
for seed

Onion Sets

WHY THEY ARE PLANTED

Onion Sets are now an established and recognized factor in onion production. The reasons for this general use are easily understood. (1) The first saving is in labor, being much less than when seed is sown. (2) Owing to quick growth the danger of loss of crop from insect pests is practically eliminated. (3) Onion Sets produce bulbs in one-half the time that is required by raising from seed. The majority of gardeners realize the great advantages to be derived from adopting this easy common sense method of obtaining early onions for table use. The grower is also able to crop much earlier.

LILLY'S ONION SETS are northern grown, hardy, handsome, small and of uniform size. We grow only the most suitable varieties which have proven to give best results in our section. These sets if planted very early will produce green onions early in summer, much earlier than they can be produced from seed. They will also produce mature onions, but for that purpose seed is generally planted. 1 lb. **25c**, Postpaid.

Garlic (Selected Sets)

A perennial bulbous plant of the onion family, highly esteemed for flavoring soups, stews, etc. Cultivation the same as Onion Sets. Write for prices.

Garlic (Seed)

In response to considerable demand we offer choice seeds: Price on application. Cultivation the same as onion seed.



Where Our Seeds Are Tested

Hollow Crown Parsnip

A standard and excellent variety. The roots are long, with smooth, white skin, uniform in shape, tender and of good quality. This variety is distinguishable by the leaves growing from the depression in the crown.

Pkt. **10c**, Oz. **25c**, $\frac{1}{4}$ lb. **75c**, 1 lb. **\$2.50**. Postpaid.

LONG WHITE DUTCH

A popular variety with many gardeners. It grows smooth, long roots of excellent quality and is preferred in some sections to other sorts.

Pkt. **10c**, Oz. **25c**, $\frac{1}{4}$ lb. **75c**, 1 lb. **\$2.50**. Postpaid.

Parsley

Champion Moss Curled

A beautiful plant, and excellent for garnishing and for flavoring soups and stews. This is a hardy, vigorous, compact growing variety, with very attractive, deep green foliage, and is most popular for both home and market. The leaves are very finely cut and are so closely curled as to resemble moss.

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **60c**, 1 lb. **\$1.75**. Postpaid.

Hamburg or Turnip Rooted

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **60c**, 1 lb. **\$1.75**. Postpaid.



IF ONION SETS are to be shipped by parcel post, postage will be additional at regular rates. Please write for prices on large quantities.

Parsnip

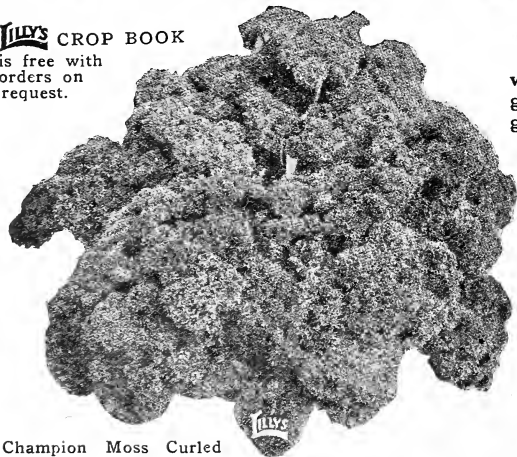
LILLY'S Palo Alto

The flesh is white and of fine texture, tender, free from core and stringiness, and of superior flavor, sweet and rich. It is very hardy, and may be left in the ground all winter, or until wanted for use. Frost improves the quality and flavor. If grown in favorable soil, the roots are smooth, well rounded and tapering. They are heavy at the shoulder, and are half-long, rendering them easy to harvest. It yields immense crops, and in addition to being a delicious winter vegetable, it is an excellent stock food.

Pkt. **10c**, Oz. **25c**, $\frac{1}{4}$ lb. **75c**, 1 lb. **\$2.50**. Postpaid.

LILLY'S
Palo
Alto

LILLY'S CROP BOOK
is free with
orders on
request.



Champion Moss Curled

R. Hargreaves, Vancouver, B. C., states
"I can sincerely recommend Holly Chick Feed
to any one who is desirous of increasing the egg
basket."

LILLY'S
1923
ANNUAL

Pepper

Large Bell or Bull Nose

The plants are vigorous, compact, and very productive ripening their crop early and uniformly. The fruits are large with thick mild flesh of fine quality for use in salads or for stuffing. The color is deep green while young, bright crimson when ripe.

Pkt. 10c, Oz. 80c, $\frac{1}{4}$ lb. \$2.65. Postpaid.

Long Red Cayenne

The true Cayenne, hot and pungent. Medium early, bearing slender, twisted pods about four inches long. Deep green while young, bright red when ripe.

Pkt. 10c, Oz. 80c, $\frac{1}{4}$ lb. \$2.65. Postpaid.

Pimiento

This new pepper is very mild with thick, heavy flesh and has a delicate flavor. Of good shape, being of medium length and smooth. Delicious when used in salads or creamed like onions. Very prolific and a good shipper.

Pkt. 10c, Oz. 60c, $\frac{1}{4}$ lb. \$2.00. Postpaid.

Chinese Giant

Its mammoth size, splendid shape, beautifully rich, glossy-red flesh and mild flavor, all lead us to recommend it. Its strong bushy plants are heavily loaded with large fruits, which are produced throughout the season. A very unusual variety worthy of the highest recommendation.

Pkt. 10c, Oz. 80c, $\frac{1}{4}$ lb. \$2.65. Postpaid.

Ruby King

Fruit of a bright red color six to seven inches long by about four inches through. Remarkably pleasant and mild in flavor, and can be eaten sliced with vinegar, like tomatoes. The best for making mangoes.

Pkt. 10c, Oz. 80c, $\frac{1}{4}$ lb. \$2.65. Postpaid.

Pumpkin

Sugar or Sweet Pie

The best variety for making pies. The vines are very productive. The fruits are round, somewhat flattened, and of a deep orange color. The flesh is a rich yellow, thick and meaty.

Pkt. 10c, Oz. 20c, $\frac{1}{4}$ lb. 50c, 1 lb. \$1.50, Postpaid.

Connecticut Field

A large, productive, orange colored field pumpkin, usually grown for stock, but good for pies.

Pkt. 10c, Oz. 20c, $\frac{1}{4}$ lb. 45c, 1 lb. \$1.25, Postpaid.

Jumbo or King of Mammoth

The largest pumpkin grown, sometimes weighing more than two hundred pounds. The skin is salmon-orange, and the flesh is bright yellow, very thick, and of excellent quality for pies as well as for stock.

Pkt. 10c, Oz. 20c, $\frac{1}{4}$ lb. 60c, 1 lb. \$1.75, Postpaid.

Large Cheese

A large variety, producing pumpkins in abundance. Has thick meat of fine quality, very suitable for canner's use.

Pkt. 10c, Oz. 20c, $\frac{1}{4}$ lb. 35c, 1 lb. \$1.00, Postpaid.

Rhubarb or Pie Plant

Mammoth Victoria

The largest and finest cooking variety. It is vigorous and very productive of thick, red stalks of fine quality, juicy and rich.

Pkt. 10c, Oz. 20c, $\frac{1}{4}$ lb. 50c, 1 lb. \$1.50, Postpaid.

Salsify

or

Vegetable

Oyster

Mammoth

or

Sandwich Island

A very desirable winter vegetable; palatable, nutritious, and may be served in a variety of ways. This is the most popular variety, growing twice the size of any other. Mild and delicately flavored.

Pkt. 10c, Oz. 30c, $\frac{1}{4}$ lb. \$1.00, 1 lb. \$3.00. Postpaid.



Salsify or Vegetable Oyster



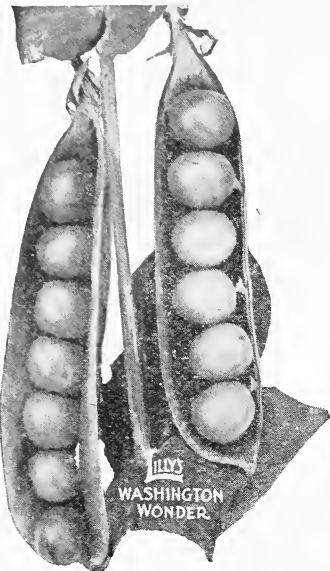
Connecticut Field Pumpkin

Peas Early Varieties

One pound of seed for 50 feet of drill

Peas from any one planting will remain in the best condition for use only for a comparatively short time. To have a constant supply throughout the season, a succession of plantings should be made.

The dwarf varieties do not bear as heavily nor for as long a period as the climbing sorts, but for small gardens they have the advantage that they are economical in space and do not require support. Consequently they are grown almost exclusively by many Western gardeners. One or two dwarf sorts sown every ten days or two weeks will maintain a supply.



Lilly's Washington Wonder

Favorite Extra Early Dwarf Wrinkled

An old favorite, and a splendid extra early dwarf pea. It grows only about sixteen inches high, and requires no support. It is quite prolific, and produces a good crop of well filled pods containing six to nine good-sized wrinkled peas of excellent flavor. It is sufficiently hardy to be sown in the fall on the Pacific Coast, thereby producing peas several weeks earlier than spring sown seed. It is as early as the extra smooth varieties, and very much superior in quality and flavor.

Pkt. **15c**, 1/2 lb. **25c**, 1 lb. **40c**, 10 lbs. **\$3.50**, Postpaid

Lilly's World's Record

An Excellent Early Wrinkled Variety

World's Record is an English variety which has proved to be perfectly adapted to the Northwest. Our seed has been grown in this locality for several seasons, and is thoroughly acclimated. The vines are semi-dwarf, growing about three feet high, and the yield, size and quality of the peas is wonderful considering its extreme earliness. The pods are large, dark green, of the Gradus type, and are filled with eight or ten large wrinkled peas, sweet and of fine flavor.

Pkt. **15c**, 1/2 lb. **25c**, 1 lb. **40c**, 10 lbs. **\$3.50**, Postpaid

Lilly's Gradus or Prosperity

Best Extra Early Wrinkled Pea

This grand extra early pea has no superior and few if any equals. It is practically as early as the small, round, hard, smooth peas commonly grown for extra early, and it is so much better in every other way that it is fast displacing them for first early crop. It is equal in quality to most of the late varieties, and many of our customers use it exclusively, sowing in succession for early, medium and late.

The vine is vigorous, robust, heavy stemmed, and grows only two and one-half to three feet high. The pods are large and are filled with six to ten very large, wrinkled, marrow peas of the most delicious flavor as large, as sweet, and as tender as the finest late peas. Our seed is grown from the original strain, acclimated in the Northwest.

Pkt. **15c**, 1/2 lb. **25c**, 1 lb. **40c**, 10 lbs. **\$3.50**, Postpaid

Blue Bantam

A New First Early Dwarf Wrinkled Pea

The raisers claim that this variety is unequaled for combination of extreme earliness, superb quality, and unusual productiveness. The dwarf vigorous vines average fifteen inches in height and carry really enormous crops of large, deep bluish-green pods. The pods measure four to four and one-half inches long and are tightly packed with eight to ten large, deep bluish-green peas of most luscious flavor. It has jumped into first place among the Dwarf Early peas and we certainly recommend a trial.

Pkt. **15c**, 1/2 lb. **25c**, 1 lb. **40c**, 10 lbs. **\$3.50**, Postpaid

**READ
THIS**

This is my second year on your Blue Bantam and when I can get the seed will use no other. They are the **BEST PEA I EVER PLANTED**, sweet and yield very heavy. I am going to put in about 25 pounds next year as they are **A VERY GOOD MARKET PEA and FINE FOR CANNING.**

Mrs. H. N. Johnson, Granger, Wash.

Lewis Yanlis, Centralia, writes

"Every customer who takes out a sack of Lilly's High Protein Dairy Feed comes back and orders more."

Lilly's
1923
ANNUAL

Peas Early Varieties

Lilly's Thomas Laxton

Extra Early and Fine Quality

Thomas Laxton Peas are very similar to Gradus in every way except the shape of the pods, the ends of which are square, and the pods and vines are a darker green. It is nearly or quite as early as Gradus, and the large wrinkled, dark green peas are sweet, tender, delicious, and unexcelled in quality by any of the late varieties. The vines grow about three feet high.

Pkt. **15c**, ½ lb. **25c**, 1 lb. **40c**, 10 lbs. **\$3.50**. Postpaid.

Lilly's Superb

Very Productive

One of the best of the new English varieties. An exceptionally early, productive and handsome pea. Height 16 inches. Vine and foliage moderately heavy, medium green; pods deep green, 4 inches long, semi-broad, pointed and well filled with 8 to 9 very large and very dark green peas. Fully as early as Laxtonian and more productive; seed blue, semi-wrinkled.

Pkt. **15c**, ½ lb. **25c**, 1 lb. **40c**, 10 lbs. **\$3.50**. Postpaid.

Laxtonian

One of the Leading Dwarfs

A large podded, dwarf variety on the order of Gradus, though more dwarf and a little earlier. Height 1½ feet; pods and vine dark green; pods 3¾ inches long, straight and pointed, containing 6 to 8 large, dark green peas.

Pkt. **15c**, ½ lb. **25c**, 1 lb. **40c**, 10 lbs. **\$3.50**. Postpaid.

American Wonder

Very early, and of dwarf compact growth, about twelve inches high. Very popular with those who object to making a support for the vines. The pods are about three inches long, straight, round, blunt at the ends, and light green. The peas are of medium size, wrinkled, and of fine quality.

Pkt. **15c**, ½ lb. **25c**, 1 lb. **40c**, 10 lbs. **\$3.50**. Postpaid.

Nott's Excelsior

A dwarf, early variety, about fourteen inches high, and quite productive. The pods are three inches long, round and blunt at the ends. The pods are of medium size, green, wrinkled.

Pkt. **15c**, ½ lb. **25c**, 1 lb. **40c**, 10 lbs. **\$3.50**. Postpaid.

Little Gem

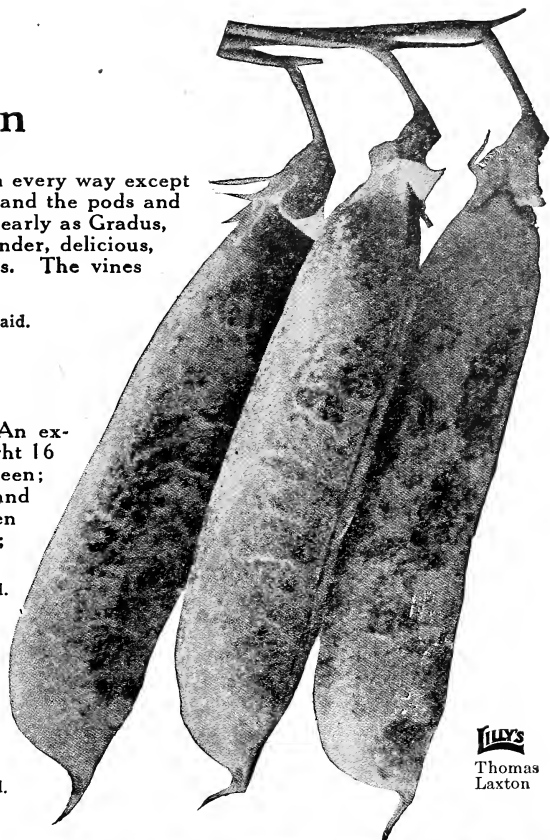
A medium early dwarf variety, growing about fifteen to twenty inches high, robust, branching, and productive. The pods are about three inches long, well filled with medium-sized, green, wrinkled peas.

Pkt. **15c**, ½ lb. **25c**, 1 lb. **40c**, 10 lbs. **\$3.50**. Postpaid.

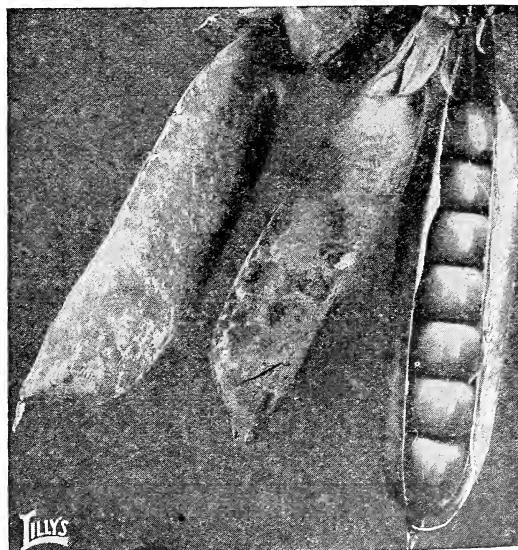
Alaska, or Earliest of All

A well-known, smooth seeded, extra early variety, extensively used by canners. The vines are strong and vigorous, two feet high, and of light green color. The pods are about three inches long, and are well filled with round, blue peas, slightly pitted.

Pkt. **15c**, ½ lb. **25c**, 1 lb. **40c**, 10 lbs. **\$3.50**. Postpaid.



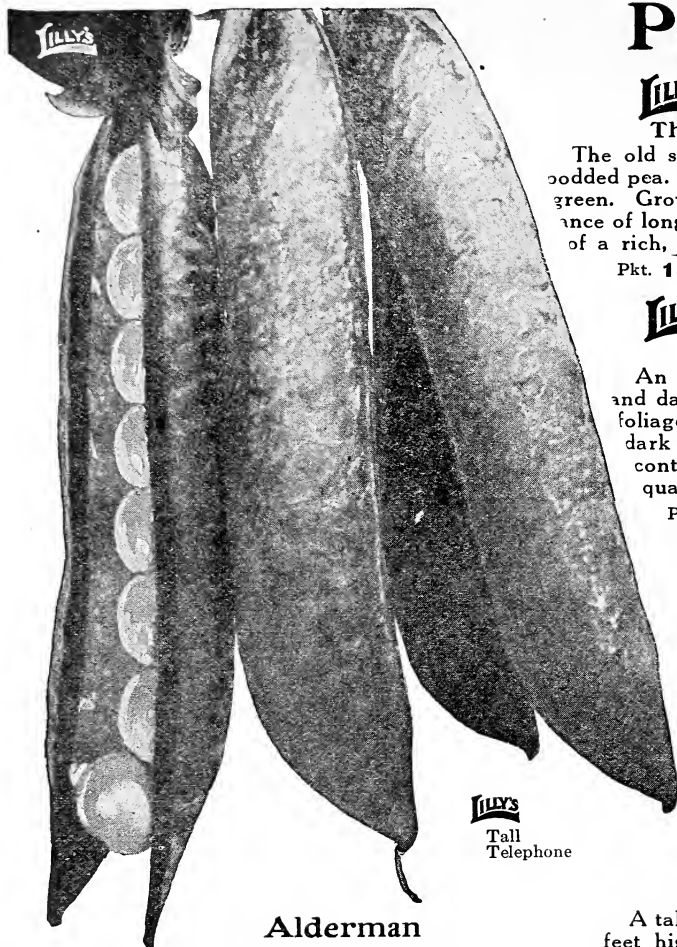
Lilly's
Thomas
Laxton



Nott's Excelsior

Lilly's
1923
ANNUAL

Wm. Ward, Sunnyside, writes
"I am and still intend to be a strong advocate
of the use of Lilly's Supplies for poultrymen."



Alderman

Large Podded, Fine Flavor

A splendid new large podded main crop pea, growing about five feet high. The pods are larger than the Telephone, are dark green, and are well filled with large wrinkled peas of fine flavor.

Pkt. **15c**, ½ lb. **25c**, lb. **40c**, 10 lbs. **\$3.50**. Postpaid.

Prizewinner

Yields Abundantly

A good second early or main crop variety. The vines grow about three feet high, and bear abundantly; very large, deep green, slightly curved, pointed pods, well filled with large, wrinkled peas of exceptionally fine flavor.

Pkt. **15c**, ½ lb. **25c**, lb. **40c**, 10 lbs. **\$3.50**. Postpaid.

Write for prices on large quantities

After Thirty-six Years

It has taken thirty-six years to make the LILLY name what it is today.

Such an achievement is not to be attained in a single year—scarcely in a decade.

No matter how sincere the desire, no matter how complete the equipment, no matter how capable the executive minds, time is indispensable.

It must be a growth, an unfoldment, nourished by the highest ideals.

THE LILLY NAME TODAY is a synonym for Seed Service and Satisfaction—a guarantee of integrity and authenticity of treatment.

J. E. Van Horn, Aberdeen, states

"I have been using your Chick Foods for young chicks and I never saw anything like them."

Peas Main Crop and Late Varieties

LILLY'S Tall Telephone

The Market Gardener's Favorite

The old standard market gardener's main crop, large podded pea. Vine and foliage strong and heavy, medium green. Grows four to five feet high, and bears an abundance of long, straight, pointed pods filled with large peas of a rich, sugard flavor. Main crop, very productive.

Pkt. **15c**, ½ lb. **25c**, lb. **40c**, 10 lbs. **\$3.50**. Postpaid.

LILLY'S Dwarf Telephone

An Excellent Late Dwarf Pea

An improvement on the old Daisy, having larger and darker green pods. Height 2½ feet, vine and foliage dark green and exceptionally stout; pods dark green, 4½ inches long, straight and pointed; containing 8 to 9 dark green peas of the best quality.

Pkt. **15c**, ½ lb. **25c**, lb. **40c**, 10 lbs. **\$3.50**. Postpaid.

LILLY'S Lincoln

A Dwarf Main Crop Pea of Fine Quality

A splendid dwarf main crop pea. The variety originated in England, but our seed is grown and acclimated in the Northwest. The vines grow about two feet high, making it popular with those who dislike the labor of making a support for them. The peas are of medium size, curved and pointed, and are well filled with good-sized wrinkled peas, very sweet and of excellent quality.

Pkt. **15c**, ½ lb. **25c**, lb. **40c**, 10 lbs. **\$3.50**. Postpaid.

Quite Content

A Giant Podded Main Crop Marrowfat

A tall-growing late or main crop variety, five to six feet high, bearing exceedingly large pods in pairs. The peas are large, wrinkled and of good quality.

Pkt. **15c**, ½ lb. **25c**, lb. **40c**, 10 lbs. **\$3.50**. Postpaid.

Dwarf Grey Sugar

Luscious in Flavor

An edible pod pea growing about two feet in height. Pods very delicious when cooked same as green or wax beans.

Pkt. **15c**, ½ lb. **25c**, lb. **40c**, 10 lbs. **\$3.50**. Postpaid.

Swedish Sugar

A tall edible pod pea of decided merit. Excellent eating both as pod and shell peas. Sweet in flavor. Grows 6 to 7 feet high. Our stock is true.

Pkt. **15c**, ½ lb. **25c**, lb. **40c**, 10 lbs. **\$3.50**. Postpaid.

New Maincrop Pea

JILLY'S NO. 23
SPECIAL SELECTION

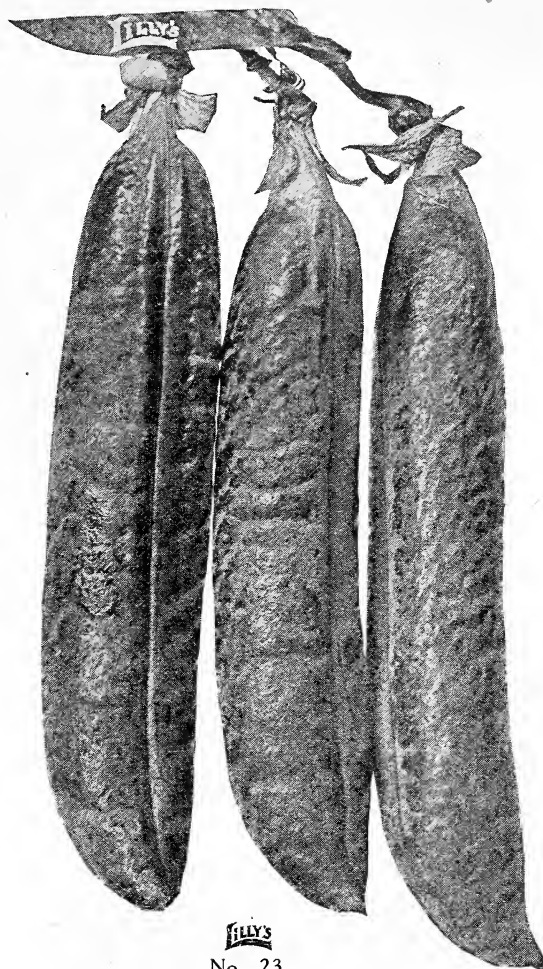
We have picked this Pea out as the best of twenty select varieties grown by us in the trial grounds. It is a main crop Pea, 24 inches in height, produces nine large handsome pods to each vine and eight Peas to the pod. It has a delicious flavor, excellent appearance and is a splendid sort for market garden or family use. It has the very advantageous characteristic of the Peas all maturing at about the same time so that the crop can be picked clean in one or two pickings. No. 23 was selected and developed on our own farm as absolutely the best Pea out of all the varieties grown. Mr. Christianson, our superintendent, says that it tastes just like "angel food."

Pkt. 15c, 1/2 lb. 30c, 1 lb. 50c, 10 lb. \$4.50, Postpaid.

Seed Potatoes

We will have practically all leading varieties of Seed Potatoes to offer during the planting season which will be listed in our price list supplements which we issue from time to time and we will gladly quote prices on request. Varieties in general demand are:

Early Rose	American Wonder
Earliest of All	Burbank
Irish Cobbler	Beauty of Hebron
Gold Coin	Netted Gem
Early Ohio	



We request customers to name a second or even third choice when ordering. In the event of our being sold out of the particular variety ordered we will substitute the nearest similar variety unless specific instructions to the contrary accompany the order. All orders received for potatoes are filled in strict rotation.

Jerusalem Artichokes

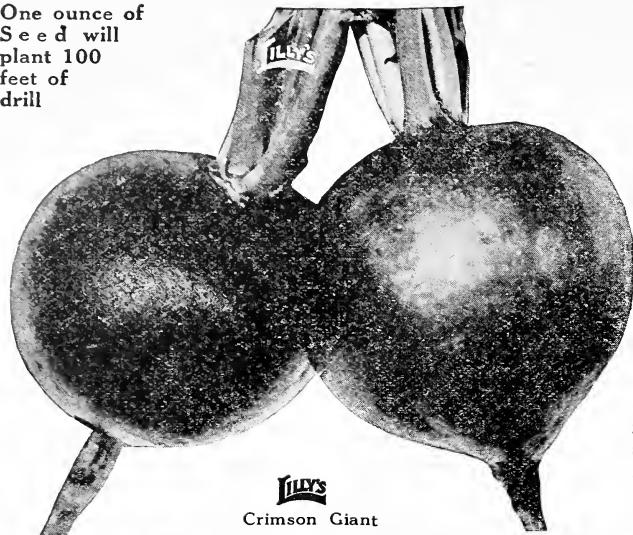
These are quite distinct from the Green Globe Artichoke listed in the Vegetable Seed Section of this catalog. The tubers resemble potatoes, but, although by some they are considered a great delicacy, in this country they are used mostly for hog food. They are easy to grow, and are one of the best and cheapest foods for hogs. They should be planted and cultivated the same as potatoes, and will produce immense crops, but they are very hardy and persistent, and are often planted on new land and the hogs allowed to harvest them, at the same time subduing the land.

Price, subject to change. See supplement following page 48 or write for quotations.

JILLY'S
1923
ANNUAL

George Ohleyer, Yuba City, Calif., writes
"The seeds I got of you some little while back
were satisfactory in every particular."

One ounce of
Seed will
plant 100
feet of
drill



Lilly's
Crimson Giant

Lilly's Earliest Of All A Delicious Early Breakfast Radish

A very superior extra early turnip-shaped radish, equally good for forcing or early outdoor culture. It is small, very uniform, round, and the color is bright scarlet with an attractive white tip and a very small tap-root. The flesh is sparkling white, mild, crisp and tender.

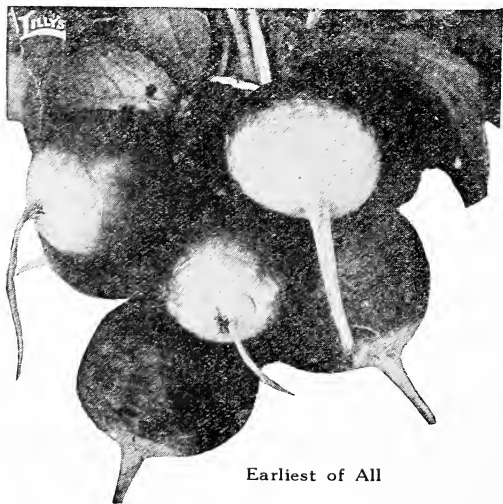
Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **50c**, 1 lb. **\$1.50**, Postpaid.

Early Scarlet Turnip (White Tip)

Also known as Rosy Gem

A very popular extra early turnip-shaped radish. The roots are bright scarlet; with a distinct white tip. The flesh is white and of good quality.

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **50c**, 1 lb. **\$1.50**, Postpaid.



Earliest of All

Radish

Lilly's Crimson Giant

King of All Early Radishes

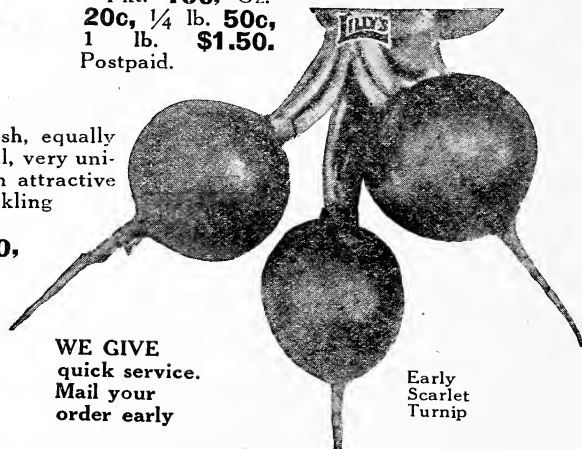
Crimson Giant is double the size of any other variety of the early turnip-shaped type, but does not become hollow or pithy, the flesh remaining white, solid, crisp, tender and juicy and of the mildest flavor. It is equally suitable for early planting outdoors, and for succession. The texture and flavor is unequalled.

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **50c**, 1 lb. **\$1.50**, Postpaid.

Early Scarlet Turnip

A standard variety for early outdoor planting for home or market. The roots are small, round and deep scarlet. The flesh is white and of good quality.

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **50c**, 1 lb. **\$1.50**, Postpaid.



**WE GIVE
quick service.
Mail your
order early**

Early
Scarlet
Turnip

French Breakfast

A quick-growing, small, olive-shaped radish. The color is deep rose-scarlet except a little clear white about the tip. Excellent for forcing or for the home garden.

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **50c**, 1 lb. **\$1.50**, Postpaid.

China Rose Winter

A splendid long white variety for growing during the summer months. The roots when mature, are four to six inches long, thick at the shoulder, somewhat tapering.

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **50c**, 1 lb. **\$1.50**, Postpaid.

White Strasburg

An excellent winter radish. The roots grow about five inches long and two inches in diameter. The flesh is white firm, crisp and pungent. Seed should be sown late in summer.

Pkt. **10c**, Oz. **15c**, $\frac{1}{4}$ lb. **45c**, 1 lb. **\$1.50**, Postpaid.

Round Black Spanish

A popular winter radish. The roots are round, sometimes top-shaped, three or four inches in diameter. The skin is black; the flesh white, very compact, decidedly pungent but well flavored.

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **60c**, 1 lb. **\$1.75**, Postpaid.

Long Bright Scarlet

An excellent early long red radish. The roots are smooth slender, about six inches long, uniform in shape and very attractive. Keeps well.

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **40c**, 1 lb. **\$1.25**, Postpaid.

C. E. Mathews, Florence, Montana, says
"I have used Lilly's Soluble Sulphur for two seasons, and I like it far better than anything I have ever used."

Lilly's
1923
ANNUAL

Radish

Lilly's White Icicle

An Early Long White Radish

The finest early long white radish. It is ready for use nearly as early as the early turnip-shaped varieties, and remains in good condition longer than any other early variety. The tops are very small, and the roots are long, slender, pure white and very attractive. The flesh is crisp, tender, sweet and delicious, and remains in that condition until the roots have attained large size. Sold only in sealed packages. Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **60c**, 1 lb. **\$1.75**. Postpaid.

Half Long Deep Scarlet

A valuable variety for forcing. Very popular in the South. The Radishes are of slightly larger diameter and most brilliant-scarlet coloring. Flesh purest white, crisp and juicy.

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **45c**, 1 lb. **\$1.25**. Postpaid.

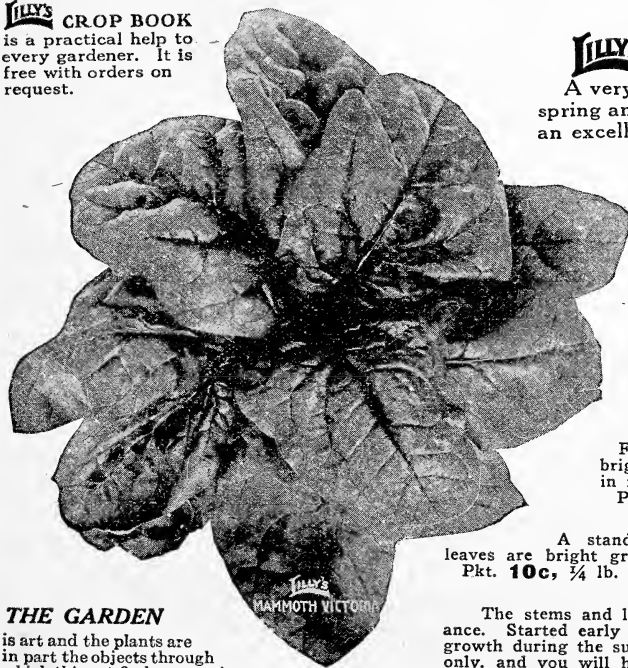
RADISH is a hardy, quick-growing crop, and the seed may be sown as soon as the ground can be worked properly in early spring, and for succession at intervals of ten days or two weeks as long as wanted. The soil should be very rich, light and warm. To make them crisp and brittle they must be grown quickly, and for that purpose one or two applications of nitrate of soda will be very beneficial.

The seed may be sown in drills a foot apart and the plants thinned to about two inches, or the seed may be mixed with seeds of slower growing crops such as lettuce, carrots, parsnips, etc., and the radishes will be used before the other crops need the space.

Winter radishes are grown the same as turnips, and the seed should be sown in the latter part of July or any time in August.

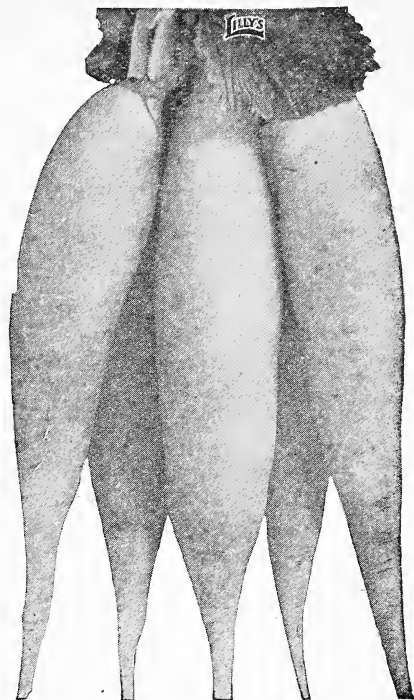
Radishes are very subject to root maggots, and the only practical cure yet invented is to apply **Lilly's** MAGGOTBAIT, further particulars of which are given on later pages of this catalog.

Lilly's CROP BOOK is a practical help to every gardener. It is free with orders on request.



THE GARDEN

is art and the plants are in part the objects through which this art finds expression.



Spinach

Lilly's Mammoth Victoria

A very superior variety. It is especially good for early spring and successive plantings for summer use, but is also an excellent variety for fall planting for winter and early spring use. It is a long-standing variety, very slow in going to seed.

Pkt. **10c**, $\frac{1}{4}$ lb. **25c**, 1 lb. **75c**. Postpaid.

Viroflay

Has very large, thick, dark green leaves. A favorite with market gardeners for either fall or spring sowing.

Pkt. **10c**, $\frac{1}{4}$ lb. **25c**, 1 lb. **75c**. Postpaid.

Bloomsdale Savoy Leaved

A very early variety, hardy and suitable for early spring use. The leaves are large, round and thick, very much savoyed.

Pkt. **10c**, $\frac{1}{4}$ lb. **25c**, 1 lb. **75c**. Postpaid.

Thick Leaved Improved

For either fall or spring sowing. Produces large, thick bright green, crumpled leaves of excellent quality. Slow in running to seed.

Pkt. **10c**, $\frac{1}{4}$ lb. **25c**, 1 lb. **75c**. Postpaid.

Prickly Winter

A standard market gardeners' variety for fall sowing. The leaves are bright green, large, smooth, and shaped like an arrow head.

Pkt. **10c**, $\frac{1}{4}$ lb. **25c**, 1 lb. **75c**. Postpaid.

New Zealand Spinach

The stems and leaves are soft, thick, fleshy, and of a crystalline appearance. Started early in spring, the plants will resist heat and make a strong growth during the summer. Pick off the leaves from the stem, cooking them only, and you will have delicious greens all summer long.

Pkt. **10c**, Oz. **25c**, $\frac{1}{4}$ lb. **75c**, 1 lb. **\$2.25**. Postpaid.

Lilly's

1923

ANNUAL

According to H. C. Boger, Snohomish, "If there is anything that a chick wants more of, it is Lilly's High Protein Chick Mash and Lilly's High Protein Growing Mash."

Squash

Summer Varieties

Early Summer Crookneck

Early and Productive

A popular early bush variety. The fruits are of the well known crook-neck form, deep yellow, densely warted, and of good quality and flavor.

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **45c**, 1 lb. **\$1.25**.
Postpaid.

White Bush Scallop

An early bush squash; large, often twelve inches in diameter; flattened; scalloped around the edges; and of a clear, waxy white.

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **45c**, 1 lb. **\$1.25**.
Postpaid.

English Vegetable Marrow

Very popular in England and can be grown equally well here; they should be eaten when less than half grown, at which time the flesh is very tender and may be cooked like other squash or fried like eggplant. Oblong in shape, color creamy-white.

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **60c**, 1 lb. **\$1.75**. Postpaid.

Winter Varieties

Lilly's Hubbard

Unequaled for Winter Use

An improved strain of the true Hubbard, which is still unexcelled. The vines are strong, vigorous and productive. The fruits are large, and the shell is dark green, extremely hard, and densely warted. The flesh is golden-yellow, thick, fine grained, dry, sweet, and no other squash can compare with it in flavor. It is unequalled as a winter keeper and shipper.

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **50c**, 1 lb. **\$1.50**.
Postpaid.

Mammoth Chili

The largest of all squashes. The fruits are smooth; oblong, flattened at the ends, and orange color. The flesh is fine grained, sweet and good for pies; also good for stock food.

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **60c**,
1 lb. **\$1.75**. Postpaid.

Lilly's Delicata

For Summer or Winter

Delicata is the earliest vine squash, maturing nearly as early as the bush varieties, and is of very superior quality. Being a hybrid, it varies considerably in form and color, but the quality is uniformly good. It is as dry, sweet and deliciously flavored, and if properly stored will keep nearly as long. The fruits are small, and the flesh is rich, dry and mealy.

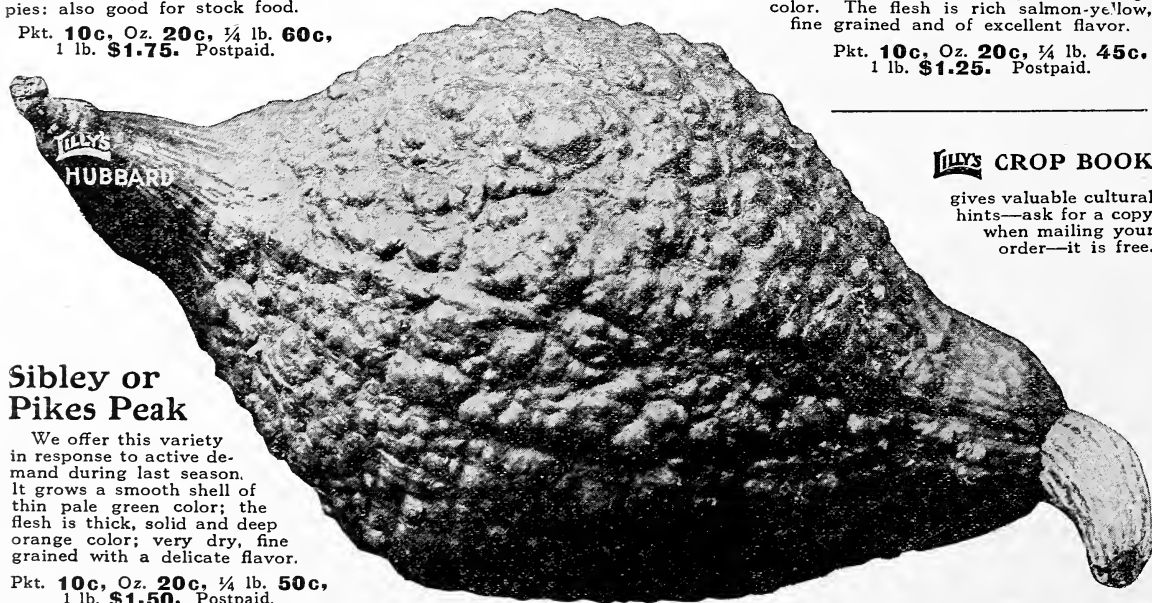
Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **50c**, 1 lb. **\$1.50**.
Postpaid.

Boston Marrow

Produces Large Oval Fruit

A very popular vine squash for fall and winter use. The fruits are of medium size, oval shape and orange color. The flesh is rich salmon-yellow, fine grained and of excellent flavor.

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **45c**,
1 lb. **\$1.25**. Postpaid.



Sibley or Pikes Peak

We offer this variety in response to active demand during last season. It grows a smooth shell of thin pale green color; the flesh is thick, solid and deep orange color; very dry, fine grained with a delicate flavor.

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **50c**,
1 lb. **\$1.50**. Postpaid.

Lilly's CROP BOOK

gives valuable cultural hints—ask for a copy when mailing your order—it is free.

Roy F. Whitney, Spanaway, says
"I prefer Lilly's High Protein Egg Mash and Chick Foods to any on the market."

LILLY'S
1923
ANNUAL

Tomato

One oz. of seed should
produce 2000 plants



Puget Sound Special A Splendid Extra
Early Tomato

Puget Sound Special is decidedly the best tomato that may be depended upon to mature west of the Cascade Mountains. It is equalled in earliness only by Earliana, sometimes producing ripe fruit as early as July 4th. The flesh is solid, meaty, and of delicious flavor, with few seeds and no hard core. It is a heavy yielder of splendid firm fruits, which are of good shape and rich red color. For the Pacific Coast it is best for either early or late; also excellent for hot-house culture.

Pkt. **10c**, Oz. **50c**, ¼ lb. **\$1.50**, 1 lb. **5.00**, Postpaid.



Earliana

This is one of the earliest varieties grown and the quality is excellent. It produces large clusters of medium size, deep red fruit, uniform in size and of good shape; very solid and of fine flavor. It is a popular variety for greenhouse forcing.

Pkt. **10c**, Oz. **40c**, ¼ lb. **\$1.35**, 1 lb. **\$4.00**, Postpaid.



Puget Sound Forcing Best Variety for
Greenhouse Culture

A prolific bearer, and most of the fruit is borne close to the main stalk, allowing close pruning. The fruit is of medium size, excellent shape for an early tomato, and of splendid quality. The flesh is firm and meaty, deep red and of fine flavor.

Pkt. **10c**, Oz. **50c**, ¼ lb. **\$1.50**, 1 lb. **5.00**, Postpaid.

	Pkt.	Oz.	¼ lb.	1 lb.
LIVINGSTON'S CORELESS. A medium large late tomato. In shape it is almost perfectly globular, with little or no depression at the stem end. There is no hard core and the seed cells are surrounded by bright red, heavy, meaty, delicious flesh.	10c	50c	\$1.50	\$5.00
PONDEROSA. Ponderosa is massive in size. Of good form, smooth, free from wrinkles and does not crack. The flesh is solid and meaty, almost seedless and of delicious flavor. Our seed is carefully grown from selected stock.	10c	60c	2.00	6.50
DWARF CHAMPION. A dwarf, compact, second early variety, growing only about two feet high and requiring no stake; vigorous and productive. The fruits are of medium size, smooth and of good quality.	10c	50c	1.65	5.00
BONNY BEST. About a week earlier than Chalk's Jewel; fruit somewhat smaller, very smooth, solid and uniform, and produced in clusters in center of the plant; ripens uniformly and is very productive; color bright red.	10c	40c	1.35	4.00
NEW STONE. A very large and solid main crop or late tomato. The vines are very large, vigorous and very productive. The fruits are bright deep scarlet, oval exceptionally smooth and uniform in size and of excellent quality. A splendid shipper.	10c	40c	1.35	4.00
JOHN BAER. An early, productive, red tomato on the order of Chalk's Jewel. We have a splendid, uniform stock of this variety.	10c	50c	1.75	5.00
CHALK'S EARLY JEWEL. An exceptionally fine early variety about ten days later than Earliana; fruit uniformly smooth, round and solid; color crimson; a good canning sort for the North.	10c	40c	1.35	4.00
GOLDEN HUSK. Greatly in demand for use as a preserve. The fruits are enclosed in a husk or calyx which grows about half an inch in diameter and are very sweet flavor.	10c	75c	2.50	7.50
RED CHERRY. The fruits are very small, less than one inch in diameter, and are used for preserves and pickles. They are perfectly round, smooth and of bright color.	10c	75c	2.50	7.50
RED PEAR. Used for preserves and to make "tomato figs." The fruits are small, pear-shaped, bright red and of delicious flavor.	10c	75c	2.50	7.50
YELLOW PEAR. The fruits are similar to red in shape and size, but are a rich clear yellow color.	10c	75c	2.50	7.50
YELLOW PLUM. Fruits are plum-shaped, clear, deep yellow color; and the flesh is yellow and finely flavored. Used for preserves.	10c	75c	2.50	7.50

Tobacco

Connecticut Seed Leaf

A hardy variety, adapted to growing in the Northwest.

Pkt. **10c**, Oz. **75c**, ¼ lb. **\$2.50**.

Havana

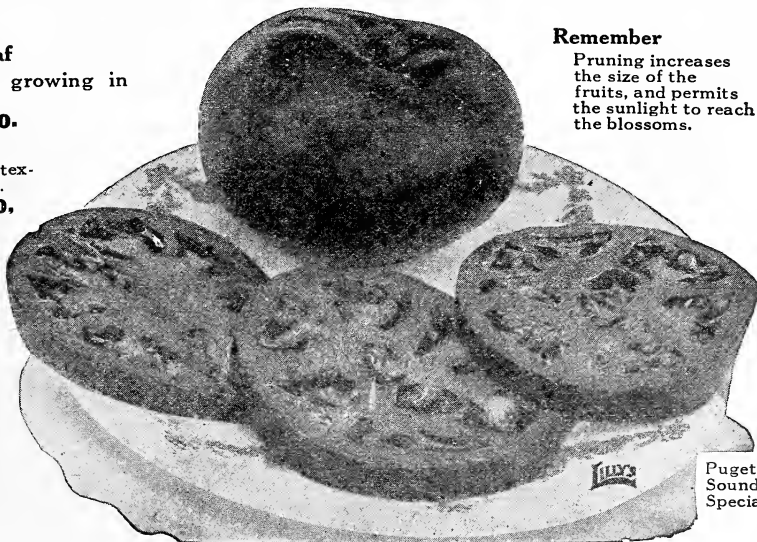
The leaf is very thin and of fine texture. Much used for cigar wrappers.

Pkt. **10c**, Oz. **75c**, ¼ lb. **\$2.50**,
Postpaid.

Remember

Pruning increases the size of the fruits, and permits the sunlight to reach the blossoms.

TO MAKE your Garden work a pleasure you should use one of our "American Gardener Cultivators and Midget Seeder Outfits" — fully described and illustrated on page 93.

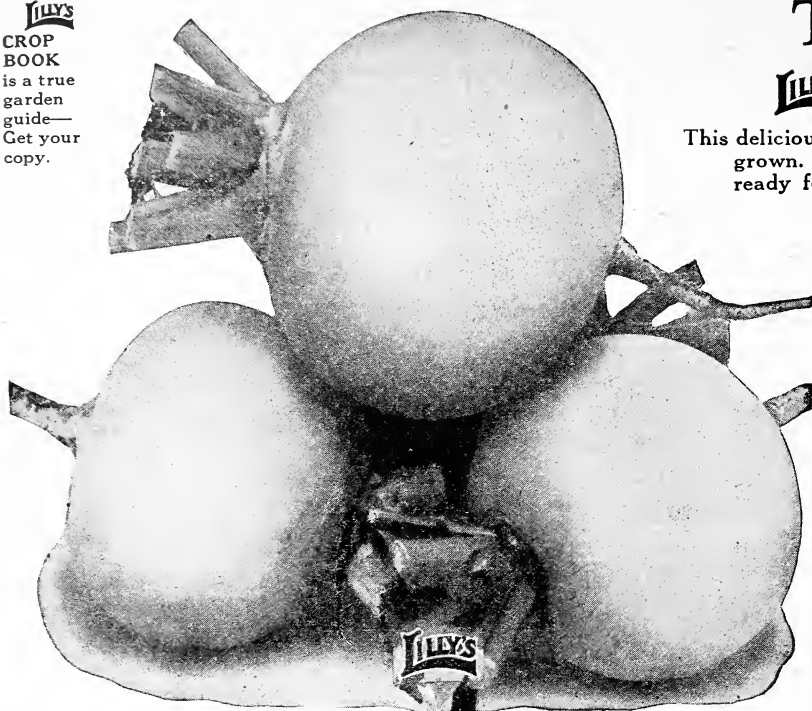


Puget
Sound
Special



1923
ANNUAL

From C. H. Bryan, Seattle, we hear
"The mortality with the chicks fed with Lilly's
Life Insurance Starter was only 5% against 20%
in other pens."



Turnip

Lilly's Snowball

This delicious turnip is the best early variety grown. Under favorable conditions is ready for use six weeks after the seed is sown. It is small, uniform in size and shape, and almost perfectly globular. The skin is smooth, white and thin; flesh is pure, sparkling white, sweet, tender, crisp and delicious.

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **45c**, 1 lb. **\$1.25**, Postpaid.

Lilly's Early White Milan

An excellent table turnip adapted for very early spring planting. The flesh is fine-grained, tender and of a mild, sweet flavor.

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **60c**, 1 lb. **\$1.75**. Postpaid.

Lilly's Petrowski

A Favorite in Alaska

This new early yellow turnip was imported from Finland. The following is description by Prof. C. C. Georgeson, special agent in charge of Alaska investigations: "Turnip of medium size; top short, spreading so that lower leaves generally lie on the ground. Flesh yellow, tender, very pleasant. Shape rounded, almost spherical; quite uniform in size and shape. Medium early. An excellent keeper and altogether the best turnip we have ever tried in Alaska."

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **60c**, 1 lb. **\$1.75**, Postpaid.

Cowhorn

Grows very long. Very popular for stock. The flesh is fine grained and of good flavor. It grows very quickly. Well adapted for fall and early winter use.

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **45c**, 1 lb. **\$1.25**. Postpaid.

Yellow Aberdeen

A large-sized, round, late-maturing, long-keeping yellow fleshed turnip. Hardy, productive and valuable for stock feeding. The roots are yellow with purple top. Flesh pale yellow firm, tender and sweet.

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **50c**, 1 lb. **\$1.50**. Postpaid.

Purple Top White Globe

An early medium-sized, globular-shaped turnip of good quality for table or stock. A heavy producer and good keeper. The flesh is white and of good eating quality.

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **35c**, 1 lb. **\$1.00**, Postpaid.

Golden Ball or Orange Jelly

One of the most delicately flavored. It is of very quick growth and is adapted to either early spring or fall planting. The tops are small. Roots are of medium size, round, very smooth, and deep yellow; the flesh is firm, crisp and of excellent quality.

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **45c**, 1 lb. **\$1.25**, Postpaid.

Early White Flat Dutch

An early white turnip, popular for both table use and stock. The roots are of medium size, flat, white-fleshed, fine-grained and sweet.

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **35c**, 1 lb. **\$1.00**, Postpaid.

Purple Top Strap-Leaf

It matures very quickly and may be used for either early spring or fall sowing. The roots are flat, medium size. Color purple or dark red, white below. The flesh is white, fine grained and tender.

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **35c**, 1 lb. **\$1.00**, Postpaid.

Rutabaga

Lilly's King of Swedes

The best and most satisfactory rutabaga for either table or stock. Wonderfully productive, large, of good shape, and a splendid keeper. The flesh is rich, yellow and of finest quality.

Pkt. **10c**, Oz. **20c**, $\frac{1}{4}$ lb. **45c**, 1 lb. **\$1.25**, Postpaid.

American Purple-Top

One of the most popular varieties for table or stock. Very hardy and productive; flesh is yellow, solid and sweet.

Pkt. **10c**, Oz. **20**, $\frac{1}{4}$ lb. **45c**, 1 lb. **\$1.25**, Postpaid.

Bangholm

Very large in size. Skin yellow with purple top. Flesh nice yellowish color, fine in texture, firm, solid and mild in flavor.

Pkt. **10c**, Oz. **20**, $\frac{1}{4}$ lb. **45c**, 1 lb. **\$1.25**, Postpaid.

Mrs. L. C. Gouthro, Seattle, says
"Lilly's Lice Killer goes further and has a better effect than any others I have used."

LILLY'S SEEDS

Sold By All Leading Dealers Known and Grown Everywhere

In practically every general store throughout the Pacific Northwest including Alaska will be found the familiar "Lilly Seed Box." Our annually increasing sales is satisfactory evidence of the continuous popularity of these high grade seeds. The beautifully lithographed packets are at once distinctive in design and as they contain a generous quantity of seeds of the choicest and best varieties specially selected and adapted to Western soil and climatic conditions they offer the best value obtainable.

All Seeds Look Alike

It would be far easier for us to sell seeds if evidence of their quality could be determined by mere inspection of the sample. What we mean by this is that the true value is not discernible on sight and cannot be proved by laboratory analysis no matter how elaborate the equipment. The SCIENTIFIC growth and production of highest grade seeds embraces:

- (1) Trueness to type or kind.
- (2) Highest percentage of germination.
- (3) Immunity from disease.

None of these are apparent to the eye by looking at the sample. It therefore follows that the Gardener and Farmer must depend absolutely upon the integrity of the Seedman to supply only seeds which have been CAREFULLY BRED, SELECTED, and grown so that they will produce exactly what you planted them for.

Breeding Will Tell

It's a question of parentage. The old rule that "like begets like" holds equally true, whether it be applied to animals, plants or individuals. To be sure that the seeds you sow will produce the true type of plant you anticipate you must have a right basis to start from—and this is seeds which have been scientifically raised from the true variety or kind and carefully selected during growth in order to obviate any reversion or deviation from the original type. This takes time.

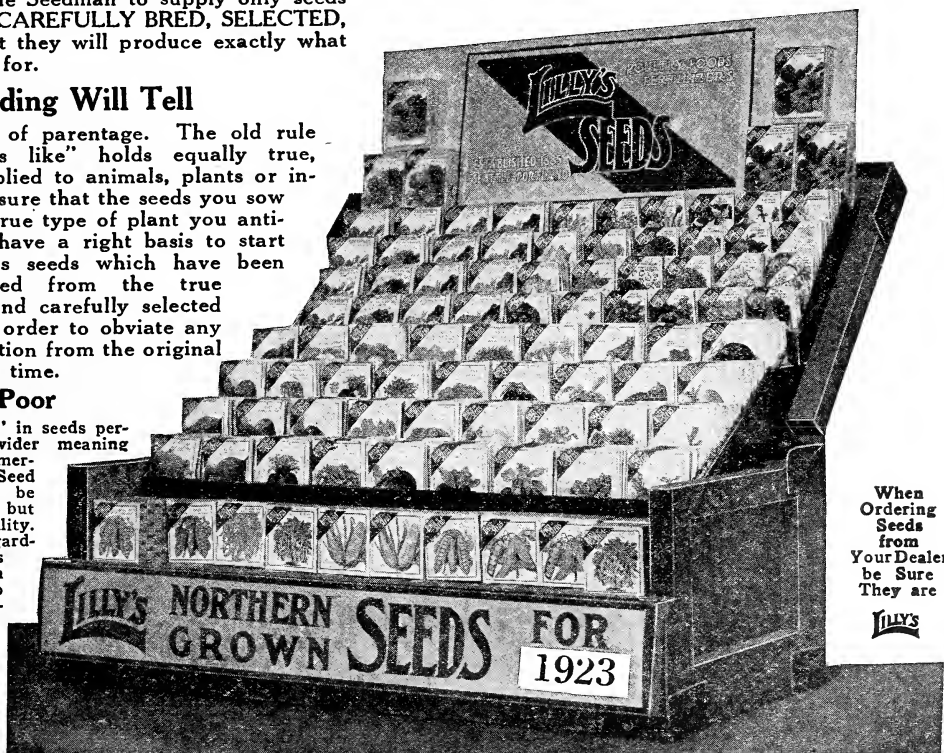
Honest But Poor

The word "quality" in seeds perhaps embraces a wider meaning than any other commercial commodity. Seed may grow and yet be poor, seed—"honest but poor" in real quality. Many disappointed gardeners have found this out, and often when it has been too late to make another seeding.

If your local dealer does not handle Lilly's Seeds please write direct to Seattle or Portland.

After Thirty-Eight Years

The House of Lilly early recognized the need for a dependable source of seed supply for the Farmer and Gardener. Back in 1885 we formed our plans for seed growing and when we commenced selling seeds began with little else than an ideal. But if only an ideal be high enough and determination to hold on be strong enough, eventually realization must come and the object is achieved. Our position as the foremost Seed House in the Pacific Northwest today strikingly illustrates this fact. Our aspiration of '85 is still our aspiration in 1923. It has been the same through the years between and shall continue the same in the years to come.



J. F. Smith, La Center, Wash., says
"I always find Lilly's seeds grow better than any other seeds I have ever tried."

*The Most
Popular
Flower
in the
World*

Spencer Sweet Peas

Lilly's Choice Varieties Make the Garden Gay

Sweet Peas, the most beautiful of the hardy climbing annuals, are very easy to grow, and thrive under ordinary garden conditions with very little care, but a little extra attention will be amply repaid in larger earlier blooms and brighter colors. The climate of the Pacific Coast is ideal for their best development, and in no other locality will they produce blooms in such wonderful profusion and perfection.

On the Pacific Coast, where the ground does not freeze to any depth, the best time to plant is in November. They will apparently make very little growth during the winter, and it is better if the tops do not show above the ground until spring, but they will make a remarkable amount of root growth which will induce a strong growth of vines very early in spring, producing better blooms and much earlier than if planted in spring. They may, however, be planted in February, March or April, and will do very well.

Lilly's Mixed Spencer A Superb Mixture of Best Giant Waved Varieties

This splendid mixture contains nearly all varieties of the Spencer type and is designed for those who wish all colors, shades and tints but do not care to keep them separate or to go to the expense of purchasing each of the many varieties.

No. 1007, Pkt. **10c**, Oz. **30c**, ¼ lb. **\$1.00**,
1 lb. **\$3.00**, Postpaid.

Mrs. Routzahn

A beautiful blending of straw-color tinted with bluish-pink and shading to apricot and rose at the edges. One of the finest. No. 1011.....Pkt., 10c; Oz., 35c; Postpaid.

Margaret Madison

A charming, clear, azure-blue, self colored. An improved strain; large flowered and one of the most beautiful Spencers. No. 1048.....Pkt., 10c; Oz., 50c; Postpaid.

Margaret Atlee

One of the most magnificent. Of immense size, with large wavy wings, well poised and few stems bear less than four blossoms. The color is very attractive, a rosy salmon-pink on a creamy buff ground. No. 1043.....Pkt., 10c; Oz., 50c; Postpaid.

Countess Spencer

The original of the Spencer Type, and still one of the best. The color is a beautiful clear pink. No. 949.....Pkt., 10c; Oz., 40c; Postpaid.

Dobbie's Cream

A deep large cream-color; and fine. The best Spencer of this color. No. 1042.....Pkt., 10c; Oz., 40c; Postpaid.

Dainty

Very large, splendidly formed flowers of bluish-white distinctly picotee edged with rose-pink. A beautiful Sweet Pea of splendid Spencer form. No. 1008.....Pkt., 10c; Oz., 40c; Postpaid.

Primrose

The best of its class. Clear primrose of the best Spencer form. The flowers are large and beautifully waved. No. 1002.....Pkt., 10c; Oz., 40c; Postpaid.

Florence Morse

Large wavy flowers of soft bluish-pink flushed towards the edge with deeper pink. No. 1014.....Pkt., 10c; Oz., 40c; Postpaid.

Vermillion Brilliant

A brilliant scarlet Spencer of splendid form. The standard is very bold and beautifully waved. On account of its brightness this is a very telling color and should be in every collection. No. 1046.....Pkt., 10c; Oz., 40c; Postpaid.

Spencer, or Orchid Flowered

Are the most highly improved type of Sweet Peas. The plants grow six to ten feet high, the stems are a foot or more in length, bearing 3 or 4 magnificent flowers. Many of the flowers are two and one-half inches across, and are beautifully formed, daintily waved and fluted.

Margaret
Madison

L. W. Kaylor, Forest, says

"My opinion of Lilly's seeds is that they are true to name and always grow."

LILLY'S
1923
ANNUAL

Spencer Sweet Peas

Royal Purple

Considered to be the best purple Spencer. The color deepens and improves as the flowers age. A strong grower, very floriferous and excellent for exhibition.

No. 1113.....Pkt., 10c; Oz., 55c; Postpaid.

Blanche Ferry

Standard bright carmine rose, wings white hinged with pink. Medium size, open form. An old popular and vigorous variety.

No. 1115.....Pkt., 10c; Oz., 50c; Postpaid.

Fiery Cross

An entirely new shade of red and easily the most brilliant red Spencer. The shade of red is hard to describe. A bright red-orange cerise with some salmon in it might convey the idea.

No. 1072.....Pkt., 10c; Oz., 50c; Postpaid.

King White

The king of all white Sweet Peas because of the perfection of the flower in every detail—form, size, waviness and glistening immaculate whiteness. No. 1041..Pkt., 10c; Oz., 50c; Postpaid.

Thomas Stevenson

Large and brilliant effective flowers, fiery red orange. Practical sunproof. A grand Spencer.

No. 1044.....Pkt., 10c; Oz., 45c; Postpaid.

White

The flowers are very large, white and of magnificent Spencer waved form. The stems are long and generally carry four blossoms.

No. 1001.....Pkt., 10c; Oz., 35c; Postpaid.

King Edward

The best pure red Spencer. It is very large, with open form, immense wings, and beautifully waved. The color is rich crimson scarlet.

No. 1009.....Pkt., 10c; Oz., 35c; Postpaid.

Illuminator

A glorious orange-salmon Spencer of striking color and magnificent form and size. No. 1045..Pkt., 10c; Oz., 50c; Postpaid.

Wedgewood

A clear light silvery-blue, with just a suggestion of mauve in the banner. An improved large flowering strain and the best variety of its color.

No. 1049.....Pkt., 10c; Oz., 50c; Postpaid.

George Herbert

A large and beautiful Spencer. The color is rose-crimson suffused with magenta and showing veins in the wings.

No. 1003.....Pkt., 10c; Oz., 35c; Postpaid.

Asta Ohn

The best Lavender Spencer. The flowers are very large and beautifully waved. The color is a beautiful soft pinkish lavender.

No. 1005.....Pkt., 10c; Oz., 40c; Postpaid.

Othello

Of immense size with large drooping wings. The color is a very dark rich maroon. The best very dark colored Sweet Pea.

No. 1047.....Pkt., 10c; Oz., 40c; Postpaid.

Flora Norton

Flowers of medium size, but very nicely waved, and produced profusely. The color is a beautiful pale blue.

No. 1006.....Pkt., 10c; Oz., 35c; Postpaid.

Senator

A very large and attractive Spencer; chocolate and seal brown striped, flaked and mottled on ivory white. Very distinct and novel and one of the very largest in size.

No. 1051.....Pkt., 10c; Oz., 35c; Postpaid.

America

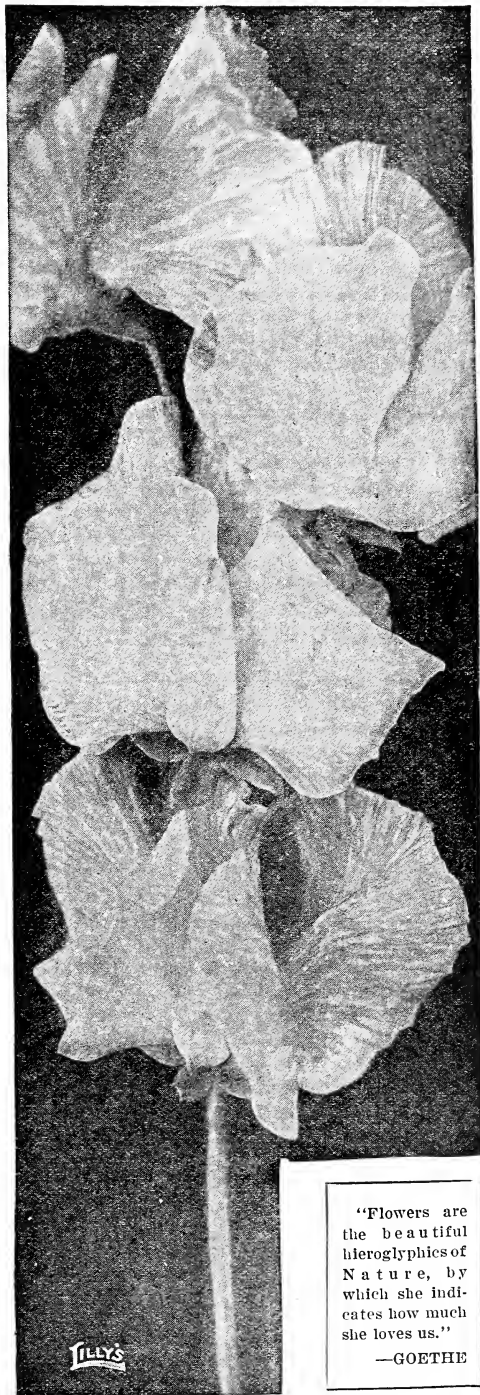
Striped and flaked brilliant carmine-red over white. Very large flowers of splendid form and striking color.

No. 1024.....Pkt., 10c; Oz., 40c; Postpaid.

Apple Blossom

A very large bold flower of best Spencer form. The standard is very bright rose, wings primrose with a flush of rose tint. Very robust and profuse flowering.

No. 1050.....Pkt., 10c; Oz., 40c; Postpaid.



"Flowers are the beautiful hieroglyphics of Nature, by which she indicates how much she loves us."

—GOETHE

C. Christiansen, Portage, reports

"I have always found that a package of seeds marked 'Lilly's' is absolutely dependable."

Sweet Peas

Lilly's Selected Grandifloras The Best That Grows

The Standard, or Grandiflora type Sweet Peas, includes some splendid varieties and beautiful colors, and they bloom lavishly during the entire season, but the Spencer (or waved) types have now gained such popularity that they are slowly but, nevertheless, surely taking precedence over the grandifloras. The varieties we offer are, in our opinion, the best sorts to grow and will please those who still have preference for the grandiflora types.

Lilly's Royal Mixed

A Fine Mixture of Grandiflora Varieties

There are many enthusiastic lovers of gardens who wish to obtain a continuous and varied supply of bloom throughout the summer months, who find it so somewhat expensive to purchase all the named varieties of their own choice, and it is to these customers Lilly's Royal mixed will appeal. Included in this mixture are the best of all varieties and colors of Grandiflora Type Sweet Peas. Every seed is of some worthy variety and will produce a satisfactory blossom.

America

No. 364

Very attractive and unique. Crimson-scarlet striped on white.

Black Knight

No. 365

One of the darkest colored Sweet Peas, a glossy deep maroon, almost black.

Blanche Ferry

No. 964

Standard bright carmine-rose, wings white tinged with pink; open form.

Dorothy Eckford

No. 969

Large, pure white flowers of semi-hooded form. The best white.

King Edward VII

No. 954

Large; open form; bright red. Best of the pure red Grandifloras.

Lady Grisel Hamilton

No. 465

Soft lavender tinted with mauve in the standard. Hooded form.

Hon. Mrs. E. Kenyon

No. 976

Light primrose; large; semi-hooded form.

Lord Nelson

No. 1039

Dark Navy Blue. The best of the color.

Prima Donna

No. 1040

Exquisite clear; light pink; hooded form.

Prices: Any of the above Grandiflora Type: Pkt., 10c; Oz., 20c; ¼ lb., 60c; 1 lb., \$1.75; Postpaid.

Lilly's FLOWER SEEDS help to make Western Homes Brighter and in closer concord with Nature at its best



Asters

No home is complete without Asters, Nasturtiums and Sweet Peas. Lilly's choice varieties of Asters produce magnificent blooms of this popular Annual.

They require only ordinary care and good garden soil, but respond liberally to a little extra attention. They are exceedingly productive, and the delicate colors, long season of bloom, and vigor of the plants make them indispensable in the garden.

Lilly's Crego Giant Largest and Most Beautiful

These are the finest and largest of all Comet Asters. The flowers are immense, often five inches or more in diameter, and are composed of long, wavy, twisted petals gracefully formed into loose, yet densely double, half globes, equaling some of the finer Chrysanthemums.

The plants are of luxuriant, branching growth, two feet tall, and bearing twenty to thirty of these magnificent flowers on very long stems, which gives them added value for cutting. They keep in good condition longer than other varieties.

No.	Per Pkt.	No.	Per Pkt.
Crego Giant, White.....	10c	No. 1077.	
No. 1012.		Crego Giant, Azure Blue.....	10c
Crego Giant, Pink.....	10c	No. 1078.	
No. 1013.		Crego Giant, Purple.....	10c
Crego Giant, Crimson.....	10c	No. 1079.	
No. 1036.		Crego Giant, Mixed.....	10c
Crego Giant, Lavender.....	10c		
No. 1037.			

Perennial Asters (Michaelmas Daisy)

Michaelmas Daisies fill a most important place in all hardy flower gardens, lighting up the borders and shrubberies with their masses and clouds of dainty and brightly colored blossoms throughout the autumn months. Especially useful for cutting. A hardy perennial.

No. 1081. Michaelmas Daisy.....Pkt., 10c

M. C. Mathison, Petaluma, Calif., states

"We received garden seeds from different firms last spring, including Lilly's, which were the best in every way."

Lilly's
1923
ANNUAL

Asters

Lilly's Giant Branching

A Beautiful Late Flowering Variety

Splendid late-flowering branching Asters. They begin blooming about the first of September and continue to bloom profusely until killed by freezing weather. The plants are strong, branching freely and grow eighteen inches to two feet high. The flowers are large, very double, and are borne on long stems. This variety is especially valuable for bedding.

	Per Pkt.
No. 940. Giant Branching, White.....	10c
No. 941. Giant Branching, Pink.....	10c
No. 942. Giant Branching, Lavender.....	10c
No. 1080. Giant Branching, Crimson.....	10c
No. 939. Giant Branching, Mixed.....	10c

Lilly's Mixed Asters

A fine mixture of many of the best varieties of annual Asters, producing a great variety of splendid forms and colors.

No. 900. Mixed.....	Pkt., 10c; Oz., 70c
---------------------	---------------------

Alyssum (Sweet Alyssum)

Unexcelled for borders, beds, baskets, pots, rockeries, and for cutting. It is a hardy annual, grows about nine inches high and is covered with spikes of small white flowers during the summer and fall. It may also be grown in pots in the house during winter, where the exquisite fragrance is very pleasing.

No. 2. Alyssum Benthani.....	Pkt., 10c; Oz., 30c; Postpaid.
------------------------------	--------------------------------

Ageratum (Floss Flower)

One of the very best bedding plants. It is a hardy annual of easy culture. The plants are neat, erect and bushy, six to eight inches tall, and should be planted eight to twelve inches apart. The pretty brush-like flowers are borne in clusters. Splendid for blue effects in the garden. No. 439. Little Dorrit. The plant is six inches tall and a foot wide and is a perfect mass of blue flowers all summer.

No. 101. Ageratum Mexicanum, Mixed. About eight inches high of free branching habit.....	Pkt., 10c; Oz., 30c; Postpaid.
--	--------------------------------

Arabis (Rock Cress)

Excellent for rockeries or edgings. Grows about six inches high and a foot in diameter, covered with pure white flowers very early in spring. A hardy perennial, easy to grow, blooming the second year from seed.

No. 1035. Arabis Alpina.....	Pkt., 10c; Postpaid.
------------------------------	----------------------

Antirrhinum (Snap Dragon)

Usually effective bedding displays are made with these unique, bright colored plants. They are half-hardy perennials, but as they bloom the first year from seed, are generally grown as annuals. No. 921. Black Prince. Dark crimson flowers and very dark foliage. Grows about eighteen inches high.....

No. 4. Tall Snapdragon, Mixed. A mixture of good tall varieties, growing three feet high. All colors.....	Pkt., 10c; Postpaid.
No. 104. Dwarf Snapdragons, Mixed. Best of the dwarf varieties, all colors mixed. Grows about eight inches high.....	Pkt., 10c; Postpaid.
No. 1073. Golden King. A splendid yellow snapdragon; three feet high.....	Pkt., 10c; Postpaid.
No. 1074. Delicata. A beautiful pink; three feet high.....	Pkt., 10c; Postpaid.
No. 1075. Apple Blossom. A charming pink shade on a white ground, with a white throat. Three feet.....	Pkt., 10c; Postpaid.
No. 1076. Brilliant Scarlet. A very effective red. Three feet high.....	Pkt., 10c; Postpaid.

Balsam (Lady Slipper)

A fine old-fashioned garden favorite. It is a half-hardy annual, and for early blooms the seed should be sown under glass in March; or it may be sown outdoors in May. The plants do best in full exposure to the hot sun, with rich soil and plenty of water. They grow one and one-half to two feet high. Transplanting will improve the shape of the plants. They should be set a foot apart.

No. 141. Double Balsam, Mixed.....	Pkt., 10c; Postpaid.
------------------------------------	----------------------

Bellis Perennis (Double Daisy)

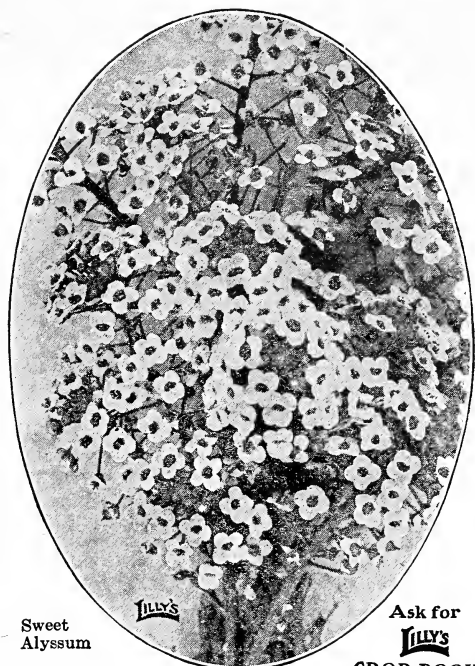
Excellent border plants, six to eight inches high, bearing charming double flowers from April to June. It is a hardy perennial, but will bloom the following summer if the seed is sown in fall or early spring.

No. 13. Bellis Perennis, Mixed.....	Pkt., 10c; Postpaid.
-------------------------------------	----------------------

Calendula (Pot Marigold)

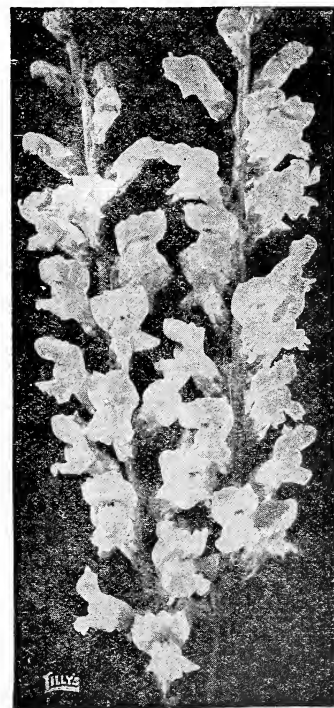
One of the best and showiest free-flowering hardy annuals. Of the easiest culture, thrives in almost any kind of soil, grows about one foot high, and produces an abundance of large, bright colored flowers in various shades of yellow from early summer until killed by frost. Excellent for beds and borders; also valuable for pot culture.

No. 117. Mixed colors.....	Pkt., 10c; Postpaid.
----------------------------	----------------------



Sweet
Alyssum

Ask for
Lilly's
CROP BOOK



Antirrhinum

Chrysanthemum

The hardy annual Chrysanthemums are quite distinct from the Oriental Chrysanthemums grown in greenhouses and conservatories. These showy garden annuals form compact bushes about eighteen inches high and bear an abundance of attractive flowers which are very desirable for cutting.

No. 1058. Coronarium, Double, Mixed.....Pkt., 10c; Postpaid.

Cineraria

Magnificent tender perennials, grown mainly in conservatories, window gardens or greenhouses. The flowers measure two or three inches in diameter and cover the plant with a sheet of bloom. The colors are white, blue, violet and crimson shades.

No. 19. Cineraria Hybrida, Mixed.....Pkt., 10c; Postpaid.

Cosmos

One of the notable fall flowers. The plants grow four to six feet tall and bear a multitude of beautiful, large, single flowers in pure white, pink and crimson. Hardy annuals.

No. 282. Mixed Cosmos.....Pkt., 10c; Postpaid.

No. 1032. White.....Pkt., 10c; Postpaid.

No. 1033. Pink.....Pkt., 10c; Postpaid.

No. 1034. Red.....Pkt., 10c; Postpaid.



Cosmos

M. E. Sage, Saratoga, Calif., says

"Praise be to Lilly's Calf Meal. I only wish I was so situated that I could raise a thousand calves."

Carnation

(Dianthus)

These splendid half-hardy perennials are used for greenhouse florists' trade in winter and for garden decoration and cut flowers in summer. They are general favorites on account of their delicate fragrance and richness of color. The Marguerites are most popular for outdoor culture. From plants started early under glass or in the house blooms may be had the first summer or fall.

No. 16. Mixed Double Carnations.....Pkt., 10c
No. 402. Marguerite, White. Strong growers; free flowering; especially desirable for garden culture.....Pkt., 10c; Postpaid.

No. 284. Marguerite, Mixed.....Pkt., 10c; Postpaid.

No. 161. Grenada. A beautiful, early, dwarf variety. Sweet scented, double scarlet flowers.....Pkt., 10c; Postpaid.

Centaurea

(Corn Flower. Bachelor's Button. Sweet Sultan)

Among the most attractive and graceful of the old-fashioned flowers. They are hardy annuals of simple culture. There are several varieties, all growing one to two feet high, and are excellent for beds, borders, and for cut flowers.

No. 923. Dwarf Victoria. A dwarf, double, Bachelor's Button. The plants are only about nine inches high, bear a profusion of large, blue, double flowers, and are excellent for pots and edgings.....Pkt., 10c; Postpaid.

No. 1085. Blue Emperor. Tall, single Bachelor's Button or Cornflower, growing two feet high.....Pkt., 10c; Postpaid.

No. 225. Cornflower. The old-fashioned Bachelor's Button, Cornflower, Ragged Sailor, or Bluebottle.....Pkt., 10c; Postpaid.

No. 1016. Giant Sweet Sultan (Imperialis). The finest of all Sweet Sultans for cutting, lasting a long time in water. Beautiful, artistic, sweet scented flowers borne on long, strong stems. Mixed colors.....Pkt., 10c; Postpaid.

Calliopsis

One of the showiest and most easily grown hardy annuals. The plants form perfect little bushes one to two feet high and literally massed with bloom. Excellent for massing and cut flowers. The flowers are in various shades of yellow, brown and maroon. It is best to sow the seed where the plants are to grow, thinning to a foot apart.

No. 116. Calliopsis, Mixed colors.....Pkt., 10c

Canary-Bird Vine

(Tropaeolum Canariense)

A pretty, rapid-growing, half-hardy, annual climber, attaining a height of ten to fifteen feet, and bearing little canary-yellow flowers resembling a bird with wings half expanded.

No. 148. Canary Bird Vine.....Pkt., 10c

Celosia (Cockscomb)

Odd, picturesque plants, bearing bright colored flowers of plumes resembling a cock's comb. Hardy annuals; fine for massing or border work.

No. 17. Celosia Cristata. About one foot high, bearing large, highly colored combs. Mixed colors.....Pkt., 10c; Postpaid.

No. 119. Celosia Pyramidalis Plumosa. Large flowered, feathered. Mixed colors.....Pkt., 10c; Postpaid.

Cobaea Scandens

(Cup and Saucer Vine)

A half-hardy climbing perennial, generally treated as an annual, attaining a height of twenty to thirty feet the first season. It has large leaves and large trumpet shaped flowers which are green at first, turning to bright purplish-blue.

No. 120. Cobaea Scandens.....Pkt., 10c; Postpaid.

Every Garden means a HOME—
Not just a HOUSE on a
Vacant lot

PLANT
LILLY'S
SEEDS



Gaillardia

LILLY'S Fertilizers
Make Sturdier Plants
and Larger Flowers

Daisy

(Chrysanthemum leucanthemum)

This splendid hardy perennial is a great favorite for bedding and cut flowers. The plants grow two and one-half feet in height and bear magnificent single white flowers with yellow centers on stems eighteen inches or more in length.

No. 1004. Shasta Daisy.....Pkt., 10c; Postpaid.

Eschscholtzia

(California Poppy)

The state flower of California, and a hardy annual of striking character, both in form and color; bright, rich, orange-yellow. The plants grow about one and one-half feet in height, with attractive silvery foliage, branching freely and producing large, poppy-like flowers lavishly from spring until late fall. They are most effective when grown in beds of considerable size, over which the seed may be thinly sown broadcast and lightly raked in. It is very hardy and the seed may be sown almost any time and in any manner. From seed sown in fall or early spring blooms will be had the following summer.

No. 192. True California Poppy. Orange-yellow.....Pkt., 10c; Oz., 25c; Postpaid

No. 1089. Special Mixed Eschscholtzia. All colors.....Pkt., 10c; Oz., 50c; Postpaid.

Gaillardia

A shown hardy annual of the easiest culture. The plants grow in compact, bushy form, about one foot high and the same in breadth, bearing freely until late in fall, large, brilliant flowers in red and yellow blended and shaded, on long slender stems. Splendid for borders and cut flowers.

No. 444. Single Annual Gaillardia, Mixed colors.....Pkt., 10c; Postpaid.

Echinocystis

(Wild Cucumber)

One of the quickest growing hardy annual vines. The foliage is dense, and it is one of the best vines for covering trellises, tree trunks, fences, or any place where a quick but not permanent growth is desired. A profusion of fragrant white flowers is followed by an abundance of ornamental prickly seed pods.

No. 995. Wild Cucumber.....Pkt., 10c; Postpaid.

Candytuft

(Iberis)

The annual Candytufts are hardy and of the easiest culture, and are great favorites for beds and borders. The improved varieties are splendid for pots and for cutting. By sowing the seed outdoors in fall, again in spring, and at intervals during the summer, the blooms may be had continuously from early spring until winter. To produce the finest spikes the plants should be transplanted.

No. 922. Empress. A grand variety, producing large spikes of bloom resembling a white Hyacinth. The spikes often measure seven inches long by two and one-quarter inches in diameter. The plant is about twelve inches high.

.....Pkt. 10c; Oz., 45c; Postpaid.
No. 39. White Rocket. Good spikes of pure white flowers.....Pkt., 10c; Oz., 25c; Postpaid.

Gardening means making gardens in the widest application of the word. By gardening we mean indeed ALL that goes into the embellishment of the surroundings of the home—that contributes to the use and the enjoyment of outdoors as part of the home.

Digitalis

(Foxglove)

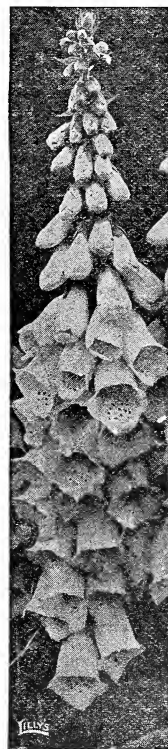
Hardy perennials, blooming the second year from seed, and especially adapted to this locality. They grow three to five feet tall and produce freely long spikes of Gloxinia-like flowers in various colors. Splendid for permanent beds, masses and backgrounds. Thrives best in a cool, shady location.

No. 165. Mixed Foxglove.....Pkt., 10c; Postpaid.

No. 1086. White Gloxinia-Flowered Foxglove.....Pkt., 10c; Postpaid.

No. 1087. Pink Gloxinia-Flowered Foxglove.....Pkt., 10c; Postpaid.

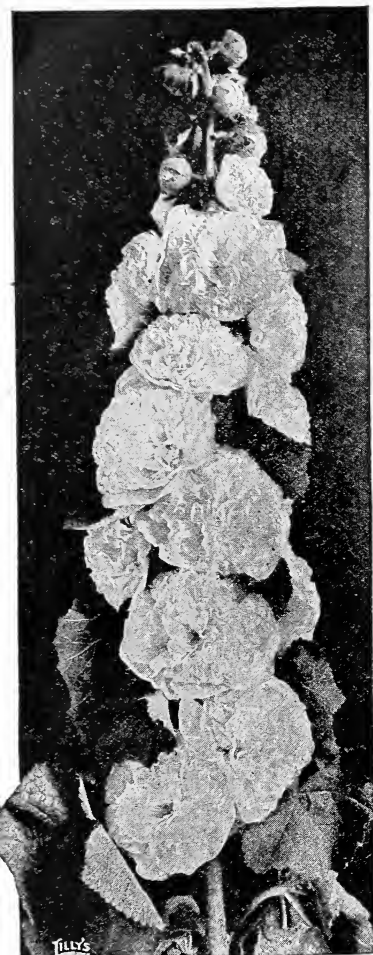
No. 1088. Grandiflora Foxglove, Bright Yellow.....Pkt., 10c; Postpaid.



Digitalis

A. J. Johnson, Creswell, Oregon, states
"We find that Lilly's seeds are the only seeds
that we can depend on."

LILLY'S
1923
ANNUAL



Annual Hollyhock

white, blue-margined flowers from June to November.....Pkt., 10c; Postpaid.

No. 1096. Sapphire. A trailing variety, bearing very large deep blue flowers with a pure white eye.....Pkt., 10c; Postpaid.

No. 196. Crystal Palace. Compact plants, dark foliage, and rich deep blue flowers.....Pkt., 10c; Postpaid.

No. 304. Erinus Hamburgia. A trailing Lobelia, for hanging baskets or window boxes. Large dark blue flowers.....Pkt., 10c; Postpaid.

Larkspur (Delphinium)

The Larkspurs are among the most popular of garden flowers. Seed of the hardy annual varieties sown in the open ground early in spring will produce flowering plants early in July and give a continuous succession of flowers, until late in fall. They are handsome in beds, or for cut flowers.

No. 927. Dwarf Rocket, Mixed. A splendid hardy annual Larkspur, growing only one foot high and producing large, double, hyacinth-like blooms in a variety of charming colors.....Pkt., 10c; Postpaid.

No. 208. Tall Rocket, Mixed. A tall hardy annual Larkspur, growing about two and one-half feet high. Mixed colors.....Pkt., 10c; Postpaid.

No. 1057. Perennial Larkspur. A special mixture of seed saved from specially selected plants, and producing flowers of the richest and most delicate shades. Hardy perennial, growing three to five feet high. Mixed colors.....Pkt., 10c; Postpaid.

Lupins

Ornamental, free flowering, hardy annuals, growing two to three feet high, bearing richly colored pea-shaped flowers on long, graceful spikes.

No. 46. Mixed colors.....Pkt., 10c; Postpaid.

Campanula (Canterbury Bells. Bell Flower)

Very ornamental garden plants of the easiest culture. They are hardy biennials flowering the second year from seed, 2½ feet high, producing large bell-shaped flowers of beautiful colors during early summer.

No. 15. Single, Mixed colors.....	Pkt., Postpaid
No. 157. Double, Mixed colors.....	10c
No. 1082. Single, White.....	10c
No. 1083. Single, Blue.....	10c
No. 1084. Single, Pink.....	10c

Gypsophila (Baby's Breath)

Very pretty free-flowering plants. There are both annual and perennial varieties which are graceful and delicate, and of special value for mixing with other flowers in bouquets.

No. 925. Snowflake. (Gypsophila elegans alba pura.) An improved large-flowering hardy annual variety, producing graceful sprays of pure white blossoms. Grows about two feet high.....Pkt., 10c; Postpaid.

No. 1090. Gypsophila Elegans Rosea. Soft pink. Hardy annual; two feet high.....Pkt., 10c; Postpaid.

No. 918. Gypsophila Paniculata. Hardy perennial. White. Two feet high.....Pkt., 10c; Postpaid.

Hollyhock

One of the most majestic of hardy plants, and unequalled for planting among shrubbery or for backgrounds for other plants. They grow six to ten feet high and bloom for a long period. The tip may be pinched off when they reach the desired height, thus inducing development of branches and forming a bush.

No. 961. Lilly's Annual Everblooming Hollyhock. This splendid variety is a hardy annual, and if planted early will begin blooming in July or August. The diversity of forms and colors among flowers affords many delightful surprises. Some of the flowers will be densely double, others semi-double, and others single, all being of the most beautiful colors and shades.....Pkt., 10c; Postpaid.

No. 37. Double Hollyhocks, Mixed. The best double perennial hollyhocks in mixed colors.....Pkt., 10c; Postpaid.

No. 1091. Blood Red, Double, Perennial.....	Per Pkt. 10c
No. 1092. Pink, Double, Perennial.....	10c
No. 1093. Black, Double, Perennial.....	10c
No. 1094. White, Double, Perennial.....	10c
No. 1095. Yellow, Double, Perennial.....	10c

Ipomea (Moon Flower Vine. Evening Glory)

The most rapid growing of flowering half-hardy annuals, producing a dense mass of heart-shaped leaves which form a background for a great profusion of beautiful large flowers which open at sunset and close the next morning.

No. 959. Evening Glory. (Ipomoea Bona Nox.) Large rosy-lilac flowers which open in the evening.....Pkt., 10c; Postpaid.

No. 1056. Moon Flower Vine. (Ipomoea Mexicana Grandiflora Alba.) Covered with large white flowers evenings and cloudy days.....Pkt., 10c; Postpaid.

Lobelia

Pleasing half hardy annuals growing four to six inches high literally covered with small, bright flowers during the entire season.

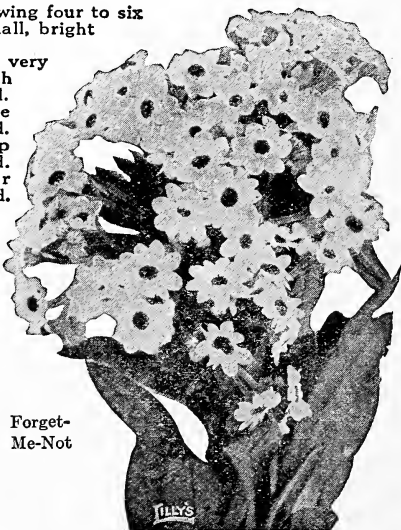
No. 195. Emperor William. A very dwarf, compact variety, covered with

white, blue-margined flowers from June to November.....Pkt., 10c; Postpaid.

No. 1096. Sapphire. A trailing variety, bearing very large deep blue flowers with a pure white eye.....Pkt., 10c; Postpaid.

No. 196. Crystal Palace. Compact plants, dark foliage, and rich deep blue flowers.....Pkt., 10c; Postpaid.

No. 304. Erinus Hamburgia. A trailing Lobelia, for hanging baskets or window boxes. Large dark blue flowers.....Pkt., 10c; Postpaid.



Forget-Me-Not

Gell Humphreys, Yoncalla, Oregon, writes us

"The seed I got from you last season can't be beat, and the way you do business is fair and square."

LILLY'S
1923
ANNUAL

Marigold

(Tagetes)

Marigolds are favorite free-flowering hardy annuals of easy culture. The African varieties grow two to three feet tall, bear large yellow or orange-colored flowers, and are adapted for large beds or mixed borders. The French varieties are dwarfed in growth, with beautiful striped flowers three or four inches in diameter, and are better suited for bedding and pot culture. They succeed best in light soil with full exposure to the sun. Either variety is splendid for cut flowers.

No. 409. Tall Double African. About two feet high with flowers three or four inches in diameter in shades of yellow and orange.....

Pkt., 10c; Postpaid.

No. 410. Tall Double French. The plants grow about one and one-half feet high. The colors and markings of the large double flower, are very interesting, some being elegantly striped and spotted.....

Pkt., 10c; Postpaid.

No. 146. Dwarf Double French. One foot high, with large flowers in mixed colors.....

Pkt., 10c; Postpaid.

Myosotis

(Forget-Me-Not)

Hardy perennials and annuals, growing six to twelve inches high, bearing pretty little star-like flowers in clusters on long stems. The plant thrives best in a cool, moist location, and blooms the first year from seed if sown early.

No. 310. Lilly's Victoria Dwarf. A very beautiful hardy biennial variety; of dwarf, bushy habit, bearing large clusters of the brightest azure-blue flowers on long, graceful stems, rendering them splendid for cutting.....

Pkt., 10c; Postpaid.

No. 1054. Myosotis Palustris. The true Forget-Me-Not. A hardy perennial of strong, sturdy growth, with beautiful clear blue flowers.....Pkt., 10c; Postpaid.

Mignonette

No garden is complete without this old-favorite, sweet scented hardy annual. The plants grow a foot or more in height, bearing pyramidal-shaped flower spikes about six inches long, made up of thickly set florets which are ex-

No. 139. Reseda Odorata. The old-fashioned Sweet ceedingly fragrant. Valuable for bedding borders, or also for pot culture.

Mignonette.....Pkt., 10c; Oz., 20c; Postpaid.

Mirabilis

(Marvel of Peru. Four O'Clock)

A perennial in warm climates, but generally grown as a half-hardy annual in this locality. The plant is two feet high, erect and bushy, bearing throughout the summer hundreds of large white, yellow, crimson and striped flowers. The flowers are shaped like the Morning Glory, and open late in the afternoon.

No. 51. Mirabilis Jalapa.....Pkt., 10c; Postpaid.

Morning Glory

Well known hardy clinging annuals, growing about fifteen feet high and bearing pretty flowers in a variety of colors and tints, fully expanded only in the morning.

No. 600. Imperial Japanese Giant Morning Glory. Of remarkable size. The vines present a beautiful wall of luxuriant foliage thickly covered with flowers three to four inches in diameter and in a great variety of shades and markings.....Pkt., 10c; Postpaid.

No. 41. Convolvulus Major. The old fashioned Morning Glory. Makes a growth of ten to twelve feet. Mixed colors.....Pkt., 10c; Postpaid.

Nigella (Love-in-a-Mist—Devil-in-a-Bush)

Lovely hardy annuals, growing in oval bush form about one foot in height. In the finely cut fern-like green foliage nestle numerous large double flowers of light blue and white.

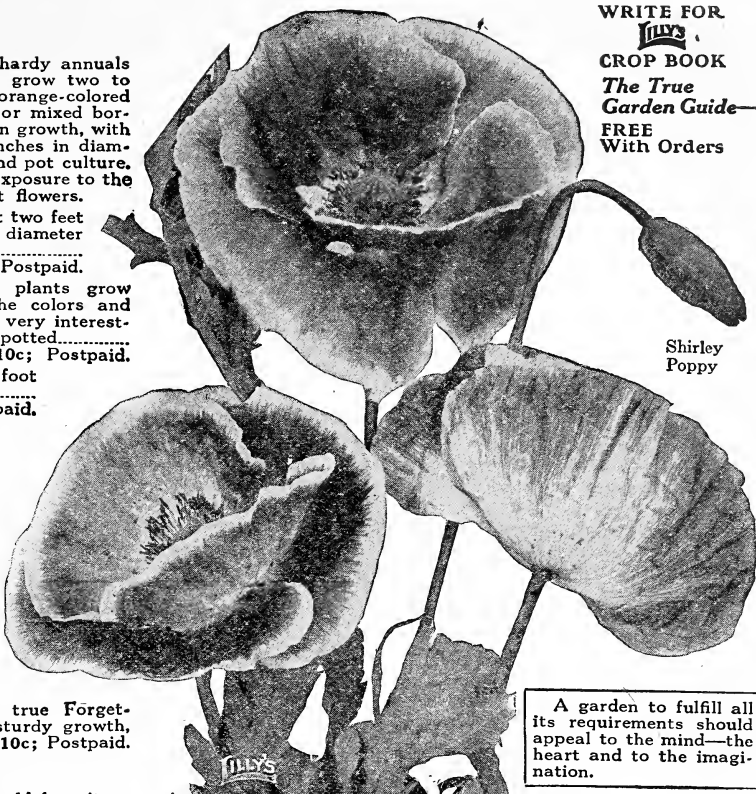
No. 248. Nigella Damascena.....Pkt., 10c; Postpaid.

WRITE FOR



CROP BOOK

The True Garden Guide—
FREE
With Orders



Shirley
Poppy

A garden to fulfill all its requirements should appeal to the mind—the heart and to the imagination.

Petunia

Petunias are half-hardy annuals, and the single varieties are easy to grow, requiring only good soil and a sunny location. They commence flowering early and continue throughout the season.

No. 61. Choice Single. A choice mixture of fine single varieties and colors.....Pkt., 10c; Postpaid.

Poppy

FLANDER'S POPPY

No. 1114. This is the well known Poppy of "Flanders' Fields" so often mentioned in songs and stories of the great war. Profusely blooming medium sized flowers, bright scarlet in color. Very showy when planted in masses. A bed of these Poppies forms a glowing memorial to our heroes.

Pkt., 10c; 1/8 Oz., 25c; Oz., \$1.50.

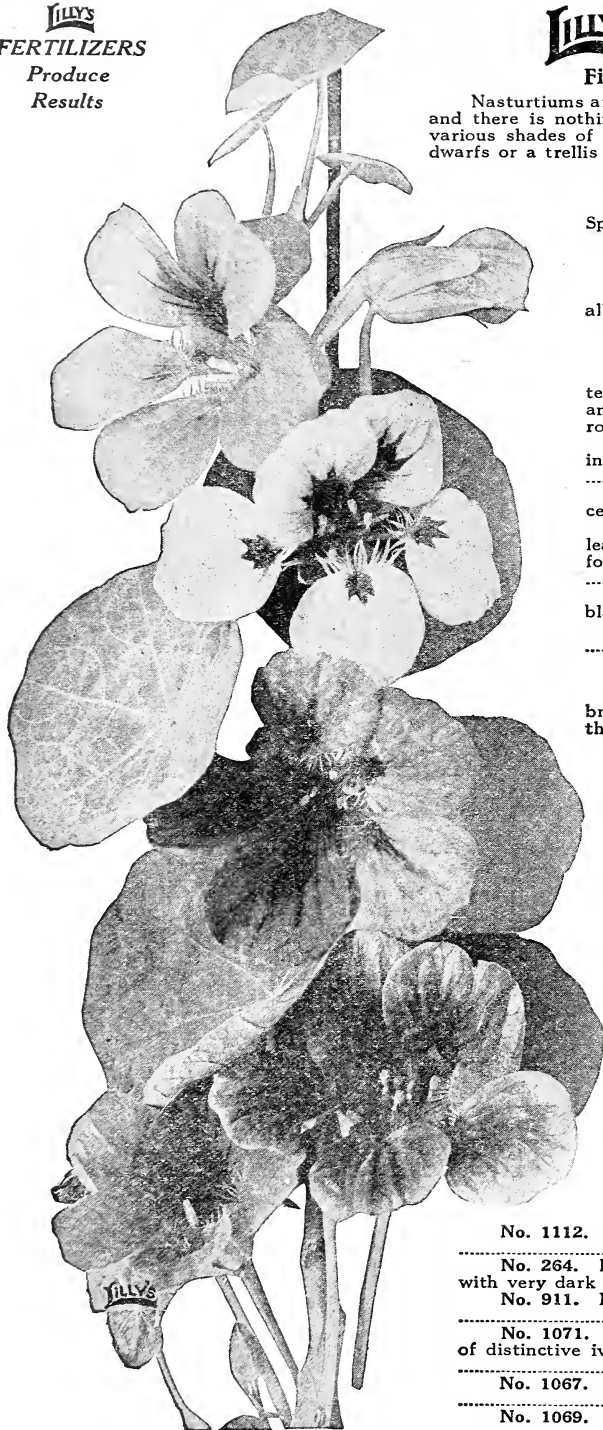
No. 314. Shirley Poppy. A charming hardy annual with large fluted and crinkled flowers in a variety of forms and colors.....Pkt., 10c; Postpaid.

No. 58. Unbrosom Poppy. Rich vermilion flowers with a black spot on each petal. Hardy annual.....Pkt., 10c; Postpaid.

No. 341. Iceland Poppy. This is a hardy perennial, but will bloom the first year from seed. It bears a profusion of graceful, delicate, single flowers with petals like tissue paper. Mixed colors.....Pkt., 10c; Postpaid.

No. 1030. Oriental Poppy, Mixed Hybrids. Hardy perennials, producing immense flowers in gorgeous colors.....Pkt., 10c; Postpaid.

No. 351. Mixed Poppies. A choice mixture of hardy annual varieties.....Pkt., 10c; Postpaid.



LILLY'S Nasturtiums

Finest Giant Flowering Varieties

Nasturtiums are among the most satisfactory and easily grown annuals, and there is nothing more pleasing than the harmonious blending of the various shades of green, yellow, brown and red in a bed or border of the dwarfs or a trellis or wall covered with the climbers.

LILLY'S Dwarf Mixed

The choicest standard dwarf varieties and colors mixed. Splendid for beds and borders.

No. 87.....Pkt., 10c; Oz., 20c; ¼ lb., 50c; lb., \$1.50

LILLY'S Tall Mixed

A splendid mixture of the best tall varieties, including all harmonizing colors.

No. 262.....Pkt., 10c; Oz., 20c; ¼ lb., 50c; lb., \$1.50

Tall, or Climbing

The tall, climbing, or trailing Nasturtiums, grow six to ten feet high, bloom profusely during the entire summer and fall, and are splendid for covering trellises, fences, rockeries, etc.

No. 1059. Chameleon. Quite unique, each plant bearing flowers of a great variety of colors and markings.....Pkt., 10c; Oz., 25c; Postpaid.

No. 1061. Vesuvius. Salmon-rose; dark foliage; an excellent variety.....Pkt., 10c; Oz., 25c; Postpaid.

No. 1062. Tall Ivy Leaved Nasturtium, Mixed. The leaves resemble English ivy. The flowers are of a distinct form and in a great variety of colors.....Pkt., 10c; Oz., 30c; Postpaid.

No. 1060. King Theodore. Very deep crimson, nearly black; dark foliage.....Pkt., 10c; Oz., 25c; Postpaid.

No. 906. Pearl. Cream white, or primrose.....Pkt., 10c; Oz., 25c; Postpaid.

Lobb's Tall

Lobb's Nasturtiums are remarkable for the intensely brilliant colors of the flowers, which are slightly smaller than those of other climbing varieties.

No. 1064. Black Prince. Velvety black flowers; dark foliage.....Pkt., 10c; Oz., 25c; Postpaid.

No. 1098. Queen Alexandria. Variegated leaves; flowers blood red, marbled and mottled.....Pkt., 10c; Oz., 25c; Postpaid.

No. 1099. Cardinal. Scarlet flowers; dark foliage.....Pkt., 10c; Oz., 25c; Postpaid.

No. 1100. Emma Alida. Dark ivy-leaved foliage, with golden-yellow, orange and deep scarlet lacinated flowers.....Pkt., 10c; Oz., 30c; Postpaid.

No. 1101. Flamingo. A beautiful new variety with magnificent lacinated orange flowers.....Pkt., 10c; Oz., 30c; Postpaid.

Dwarf, or Bedding

These dwarf or Tom Thumb varieties form sturdy little bushes completely covered with large, brilliant flowers during the entire season, making a beautiful display in beds or borders.

No. 1068. King Theodore. Velvety red flowers; dark foliage.....Pkt., 10c; Oz., 25c; Postpaid.

No. 1070. Prince Henry. Light yellow marbled with scarlet.....Pkt., 10c; Oz., 25c; Postpaid.

No. 929. Queen of Tom Thumb. Rich, bright crimson flowers forming a pretty contrast to the silver variegated foliage. Splendid for bedding or pots.....Pkt., 10c; Oz., 30c; Postpaid.

No. 907. Dwarf Vesuvius. Deep salmon-rose; a beautiful shade.....Pkt., 10c; Oz., 25c; Postpaid.

No. 1112. Lady Bird. Orange, striped with bright scarlet.....Pkt., 10c; Oz., 25c; Postpaid.

No. 264. Empress of India. Fiery crimson flowers; compact plant with very dark foliage.....Pkt., 10c; Oz., 25c; Postpaid.

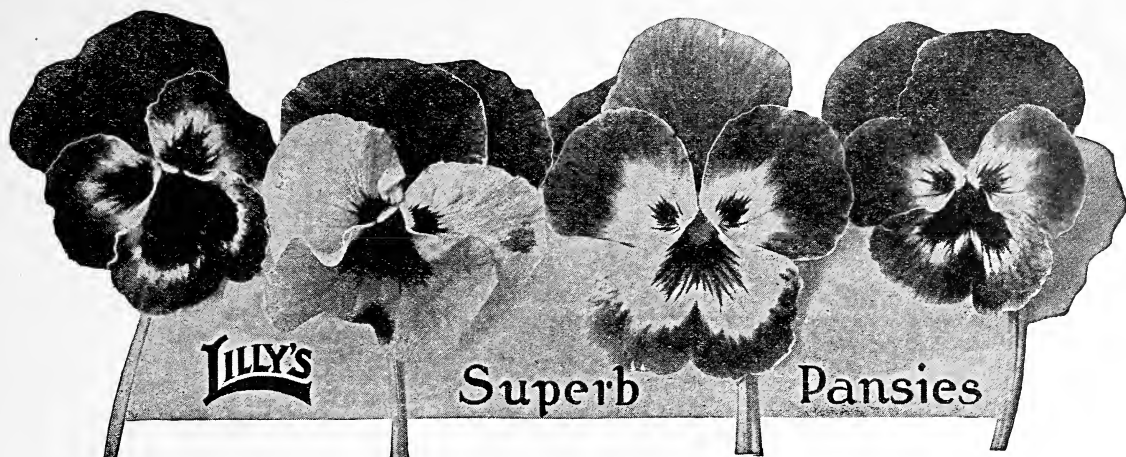
No. 911. Dwarf Chameleon. All colors borne on each plant.....Pkt., 10c; Oz., 25c; Postpaid.

No. 1071. Dwarf Ivy Leaved Nasturtium, Mixed. Deep green leaves of distinctive ivy form; flowers beautifully fringed.....Pkt., 10c; Oz., 30c; Postpaid.

No. 1067. Golden King. Rich golden-yellow.....Pkt., 10c; Oz., 25c; Postpaid.

No. 1069. Crystal Palace Gem. Sulphur-yellow spotted with crimson.....Pkt., 10c; Oz., 25c; Postpaid.

Mrs. M. M. Boger, Garwood, Idaho, writes
"I have used Lilly's seeds for several years and have always found them good and true to name."



Choicest Varieties

Magnificent and Continuous Blooms

No home in the Pacific Northwest is complete without a bed of Pansies, for our cool, moist climate is ideal for these beautiful flowers, and in no other locality do they produce such splendid blooms and so continuously from early spring until winter. The Pansy is a hardy perennial, thriving best in a cool, moist location. The largest blooms are produced during the cool months in spring and fall; during the warm summer months the blooms will be small. Abundant irrigation will produce larger flowers during the summer, but care must be taken that the water is warm, for the plants cannot stand the shock of cold water. For early spring bloom the seed may be sown outdoors about the first of September. Spring sown seed will produce blooms the following fall. The plants will produce better blooms if transplanted two or three times.

- No. 89. Fine Mixed English. Finest varieties and colors of English Pansies, mixed. The plants are of compact habit.....Pkt., 10c; Postpaid.
- No. 90. Giant Flowered French, Mixed. A fine mixture of large flowering French varieties.....Pkt., 10c; Postpaid.
- No. 92. Giant Trimardeau, Mixed. A splendid type of immense size, distinct shape and beautifully marked. The plants are deep rooted, enabling them to withstand drought; hardy and robust.....Pkt., 10c; Postpaid.
- No. 94. Beaconsfield. A very large Pansy, with upper petals light lavender and lower petals purple.....Pkt., 10c; Postpaid.
- No. 203. Emperor William. Dark navy blue; of large size and very showy.....Pkt., 10c; Postpaid.
- No. 95. Snowflake. Large satiny-white flowers with light centers.....Pkt., 10c; Postpaid.
- No. 178. Faust, or King of the Blacks. Very large and very dark, almost black.....Pkt., 10c; Postpaid.
- No. 429. Goldelse, or Yellow Gem. Pure golden-yellow; large.....Pkt., 10c; Postpaid.

LILLY'S Colossal Mixed

This is a splendid mixture of the choicest large-flowering varieties and the most beautiful colors and markings.

- No. 930. Lilly's Colossal Mixture.....Pkt., 10c; Postpaid.

Portulaca

(Sun Plant)

A brilliant hardy annual, growing about six inches high, and thriving in warm, dry, sunny situations. Excellent for low beds, borders, and for sowing on exposed banks where other flowers would not thrive.

- No. 69. Single, Mixed colors.....Pkt., 10c; Oz., 60c; Postpaid.
- No. 70. Double, Mixed.....Pkt., 10c; Postpaid.

Primrose

(Primula)

Primroses are among the most charming of perennials for winter and spring decoration in the house and conservatory.

- No. 75. Primula Veris. A beautiful hardy perennial, growing six inches high, and bearing clusters of fragrant flowers in various colors.....Pkt., 10c; Postpaid.

Salpiglossis

(Painted Tongue)

A great favorite among the half-hardy annuals because of its easy culture and beautiful petunia-shaped flowers, which are produced from early summer until late fall. Three feet high.

- No. 406. Mixed colors.....Pkt., 10c; Postpaid.

Pinks

(May Pinks, Dianthus)

The old-fashioned single flowered garden or border pink. They are hardy annuals, and will flower the first season from seed sown outdoors early in spring. Height, one foot.

- No. 288. May Pinks.....Pkt., 10c; Postpaid.

Pyrethrum

(Golden Feather)

One of the best plants for edging, grown for its beautiful yellow foliage. It is a hardy perennial, but is generally grown as an annual. Six inches high.

- No. 76. Pyrethrum Parthenifolium Aureum.....Pkt., 10c; Postpaid.

Ricinus

(Castor Oil Bean)

Ornamental half-hardy annual foliage plants of luxuriant and rapid growth, attaining a height of six to twelve feet, with brilliantly colored fruit, producing a tropical effect. Fine for massing or for center for beds.

- No. 140. Castor Oil Bean.....Pkt., 10c; Postpaid.

Phlox

Phloxes produce immense trusses of brilliant flowers of a great variety of colors and shades throughout the summer. They are easy to grow, and thrive in most any kind of soil if given a sunny position. The seed may be sown outdoors early in spring, and in a few weeks the plants will be covered with blooms.

No. 919. Lilly's Large Flowering Phlox. (Phlox Drummondii Grandiflora.) This is the finest type, having the largest heads of bloom and the largest individual flowers. This mixture contains all the most beautiful colors and shades. Fifteen inches high.....Pkt., 10c; Postpaid.

No. 67. Phlox Drummondii, Mixed. Flowers not so large as those of the grandiflora type, but just as bright and free blooming. Fifteen inches high.....Pkt., 10c; Postpaid.

Stocks

For brilliancy, diversity of colors, fragrance and profusion and duration of bloom they are unsurpassed. The Ten Weeks Stocks are annuals, and from seed started indoors in March or April blooms will be had in July.

No. 84. Large Flowering Dwarf Ten Weeks Stocks, Mixed Colors. Half-hardy annual, one foot high.....Pkt., 10c; Postpaid.

No. 1107. Large Flowering Dwarf Ten Weeks Stocks, White.....Pkt., 10c; Postpaid.

No. 1108. Large Flowering Dwarf Ten Weeks Stocks, Flesh-pink.....Pkt., 10c; Postpaid.

No. 1109. Large Flowering Dwarf Ten Weeks Stocks, Crimson.....Pkt., 10c; Postpaid.

No. 1110. Large Flowering Dwarf Ten Weeks Stocks, Light Blue.....Pkt., 10c; Postpaid.

No. 1111. LILLY'S SPECIAL MIXTURE ANNUAL STOCKS. Choicest varieties and colors of annual Stocks.....Pkt., 10c; Postpaid.

Sunflower

(Helianthus)

These hardy annuals are splendid for backgrounds, or even for bedding, and must not be confused with the common Sunflower. This is a very double variety, growing about four feet high.

No. 128. Dwarf Double Sunflower.....Pkt., 10c; Postpaid.



Zinnia

Salvia

(Flowering Sage)

Half-hardy perennials, blooming the first year from seed if sown early. The plant grows three feet high and bears profusely during the summer and fall very fragrant flowers in drooping spikes of the most intense glistening scarlet. Splendid in working out color schemes if properly used.

No. 920. Salvia Splendens.....Pkt., 10c; Postpaid.

Sweet William

(Dianthus barbatus)

As a border plant it has few equals, being very showy. An old-fashioned plant producing clusters of gorgeously colored flowers of great fragrance. It is a hardy perennial, but blooms the first year from seed. It grows about eighteen inches high, and is excellent for beds and borders. Our mixture contains quite an assortment of colors.

No. 26. Purple, Mixed.....Pkt., 10c; Postpaid.

No. 27. Double, Mixed.....Pkt., 10c; Postpaid.

Violets

These little favorites are deliciously fragrant and are fine for borders and for cutting. They are perennials, quite hardy, but the plants are somewhat difficult to grow from seed.

No. 319. Large Single Violet.....Pkt., 10c; Postpaid.

No. 1106. Viola Cornuta; Tufted Pansy Violets; Mixed colors.....Pkt., 10c; Postpaid.

Verbena

One of the dear old flowers that will always be popular both in the garden and house. Verbenas are low-growing, creeping, half-hardy perennials, blooming the first year from seed, and generally treated as annuals. They are splendid for beds, borders, rockeries, hanging baskets and window boxes. Fewer plants are better liked and give greater satisfaction.

No. 88. Giant Hybrid, Mixed. A splendid mixture of large flowering varieties; all colors.....Pkt., 10c; Postpaid.

Wallflower

An old European favorite deserving of more appreciation than is shown it in America. It is especially adapted to the Pacific Coast where it is entirely hardy, although it must be protected during the winter in colder climates. It is a perennial, grows about eighteen inches high, is bushy, and very early in spring bears spikes of deliciously fragrant flowers in bright colors.

No. 98. Double.....Pkt., 10c; Postpaid.

No. 99. Single.....Pkt., 10c; Postpaid.

Zinnia

Flowers throughout the entire summer and early fall. This half-hardy annual has been greatly improved and produces a profusion of large double flowers, excellent for bedding and for bouquets. The plants form handsome compact bushes two feet high covered with large flowers of a great variety of colors and shades. They commence blooming early in summer and continue until killed by frost. The Zinnia is a very free grower and of robust habit. Does well under almost any conditions.

No. 933. Giant Mixed. A choice mixture, including the best and largest types, producing plants of handsome, compact form, and immense perfectly formed, double flowers in brilliant mixed colors.....Pkt., 10c; Postpaid.

No. 100. Mixed. A splendid mixture of good varieties and colors.....Pkt., 10c; Postpaid.

Wild Flower Garden

There are few things more pleasing than a wild-flower garden hidden away in some secluded spot or among shrubbery. This mixture is ideal for the purpose, being composed of such hardy annuals as will require little care beyond scattering the seed, and will produce a great profusion and variety of pretty flowers.

No. 438. Wild Flower Garden.....Pkt. 10c, Oz. 25c, lb. \$2.00, Postpaid.

IF YOU ARE TROUBLED with insects attacking your Flowers spray with Lilly's Tobacco and Soap Compound which is a sure preventive against insects which suck the juices without eating the leaves.

Mrs. H. L. Hansen, Seattle, says
"I have used Holly Chick Feed for several years
and have the best of success with it."

LILLY'S
1923
ANNUAL

Grow Alfalfa — the greatest forage plant

LILLY'S Best

These two words carry a significance which is now recognized in the West as the highest quality obtainable in seeds. Whenever you buy seeds of the "L. B." brand you know you are getting the best. Recleaned and Tested, free from Dodder and other noxious weed seeds.

99½ Per Cent Pure

Lilly's Best Alfalfa Seed is the acme of perfection. It never tests less than 99½% pure, is free from dodder, and other noxious weed seeds, and consists only of big, plump seeds; all small and shrunken seeds having been removed. To maintain this high standard requires that the greatest care be exercised in growing and harvesting the seed. It is never grown in localities infested with dodder. We have the most perfect seed cleaning machinery in the West, and the seed is cleaned until it is practically perfect.

Alfalfa seed is generally sown at the rate of 8 to 12 pounds per acre. Prices subject to change. See Supplement following page 48.

Turkestan, or Dry Land

(Medicago Turkestanica)

This variety comes from central Asia and has been grown successfully for many years in the West; is very hardy, and adapted to very dry and unirrigated land. In all other respects it is almost identical with Medicago Sativa. The seed should be sown rather thickly, fifteen to twenty pounds per acre. Prices subject to change. See Supplement following page 48.

Grimm

(Medicago media)

Undoubtedly this variety has in recent years attracted the attention of Alfalfa growers more than any other variety. The origin of this type is the result of cross hybridizing of the blue flowered species with the yellow flowered. Grimm belongs to the "variegated" class and has a more branching root system which may possibly account for it being harder than the "blue flowered" (Medicago sativa) varieties.

Prices subject to change. See supplement following page 48.

Hairy Peruvian

This is an alfalfa which is very popular in Arizona and Southern states. It is not, however, adapted to the Northwest, because it will not stand the winters north of California, and is not in other ways equal to the common variety.

Prices subject to change. See Supplement following page 48.

Cossack or Siberian

The same type as Grimm, i. e., variegated, and the fact that it was found growing wild on the Siberian plains proclaims its hardiness. A very free seeder.

Prices subject to change. See Supplement following page 48.

NOTE—Grimm and Cossack alfalfa are of great value in the Dakotas, Wisconsin and other states having extremely severe winters without much snow fall and where the common alfalfa will freeze out; but from all the information obtainable at the present time the common alfalfa does not freeze out in Washington, Oregon or Idaho, and in other respects is equal in yield and quality to either Grimm or Cossack. If a farmer is growing for a seed crop by all means plant Grimm alfalfa, as it sells for a very much higher price than common alfalfa and yields equally as well.

In several states arrangements have been made to certify the seed. This of course adds considerable to the cost of it, as it requires an examination of the field during the growing of the crop and supervision of harvesting, threshing and sacking so that the official certifying to the genuineness of the seed can attach his certificate showing the seed to be true. There is also considerable Grimm alfalfa seed produced that is not certified and which, of course, sells for a much lower price and which may be equal in quality to the certified seed, but of course the buyer cannot be as sure of getting the genuine article.

INOCULATE THIS SEED WITH FARMOGERM



Tested Field Seeds—They Grow

Lilly's Red Clover (Trifolium pratense) —99 Per Cent Pure

Red Clover is an important crop in all parts of the country, and is especially valuable west of the Cascade Mountains, where Alfalfa cannot be grown very successfully. In addition to being a very valuable hay, silage, and forage crop, it is of great value for fertilizing and improving the soil, either when plowed under or removed from the field. It is a legume, and draws nitrogen from the air and distributes it in the soil. Red Clover seed is generally sown at the rate of eight to twelve pounds per acre. LILLY'S BEST RED CLOVER SEED is guaranteed to test not less than 99% pure, and we make it as much better as possible, usually as high as 99½% pure. This state of purity is seldom equalled and would be impossible without our splendid seed cleaning machinery. The Pure Seed Law requires only 92% purity, and that is considered very good seed, but it allows more than a pound of weed seed to each acre, and such seed should never be sown when better seed can be procured. For prices see supplement following page 48.

"Avoid buying cheap clover seed, much of the cheaper clover seeds sold the past season, principally by seed houses in the East, was imported Italian Clover. This seed shows a good germination and good purity and will make a good stand but will not withstand frost and will winterkill with the slightest frost."

Mammoth Red (Trifolium medium)

This is a very valuable crop for Western Washington, where the ground is gravelly, high, or very light soil, as it makes a satisfactory growth and good crop. It should, however, be avoided on heavy soils as it makes too rank a growth and coarse hay. Sow at the rate of eight to twelve pounds per acre. Mammoth Clover has the added advantage of being ready to cut for hay at a time of year when Western Washington is sure of good haying weather.

For prices see supplement following page 48.

Alsike (Trifolium hybridum) —99 Per Cent Pure

Suitable for Cold, Wet Land

Alsike Clover thrives on almost any kind of soil, but is especially useful on land that is too wet and cold for Red Clover. It makes a good quality of hay, and may be sown with timothy, as it matures at the same time. It is also good in pasture mixtures for wet land.

We have a second grade, better than is required by the Pure Seed Law, but the difference in price does not warrant the use of any but Lilly's Best. Six to eight pounds of seed is sufficient for an acre.

For prices see supplement following page 48.

White (Trifolium repens) —98 Per Cent Pure

Only the Very Best Is Fit for Lawns

For lawns, especially, none but the very best White Clover seed obtainable should be sown, as ordinary seed is very liable to contain sorrel. Lilly's Best White Clover is guaranteed to test not less than 97% pure and is usually better. Any seed that tests less than 97% pure is branded Choice. Our Choice grade is always better than is required by the Pure Seed Law, but we do not recommend it for lawns. For lawns sow twenty-five pounds or more per acre; for pasture, six to eight pounds mixed with grass seeds.

For prices see supplement following page 48.

Crimson Clover (Trifolium incarnatum)

Crimson Clover is an annual useful principally as a cover crop or to plow under for green manure, but it is not specially recommended for the Northwest. Ten to fifteen pounds of seed is sown to the acre.

For prices see supplement following page 48.

Sweet Clover

WHITE BLOSSOM (Melilotus alba.) Bokhara, or White Sweet Clover, was formerly grown almost exclusively for bee pasture, but recently it has become quite popular for hay and pasture. It has a bitter taste, and stock must develop a taste for it, but they soon learn to like it. It is a biennial, and unless it reseeds itself, must be seeded every second year. It makes a wonderful growth the second season, and the plants resemble Alfalfa in appearance. It is a legume, and has great fertilizing value. Seed is sown at the rate of twenty pounds per acre. The soil should be very firm.

See supplement following page 48.

YELLOW BLOSSOM (Melilotus indica.) Yellow Blossom Sweet Clover is an annual. The plants are low-growing, erect, and early flowering. For prices see supplement following page 48.



DeWitt Hart, Quilcene, has written
"I have used Lilly's Fly Killer for the past two
years and it is the best I ever saw."

Lilly's
1923
ANNUAL

Timothy

(*Phleum pratense*)

Conceded to be one of the most valuable grasses of great nutritive value and very productive. The seeds being very small and produced in great abundance, its cost is the most economical of any grass.

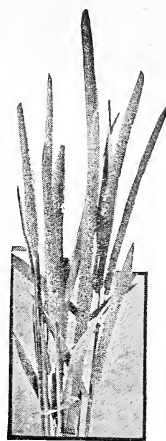
99½ Per Cent Pure

LILLY'S Best is the Purest Seed Obtainable

Timothy Seed is one of our specialties, and it will be very nearly impossible to produce better seed than Lilly's Best. The seed is grown in Idaho on land that is free from weeds, and, with our splendid seed cleaning equipment, all small and light seed, as well as all foreign matter is removed. None testing less than 99½% pure is branded Lilly's Best. The Pure Seed Law requires only 96% purity.

Timothy is the standard grass for hay in all parts of the country, and although there may be other grasses equally as good or better for home use, it is demanded by the markets, and brings the highest price. The seed is sown at the rate of ten to fifteen pounds per acre. We have a second grade, Choice Timothy, but especially recommend Lilly's Best.

Price subject to change; see supplement following page 48.



LILLY'S Timothy

LILLY'S Kentucky Blue Grass

(*Poa pratensis*)

Kentucky Blue Grass is a true perennial, lasting indefinitely. Its densely creeping root stocks, spreading habit, even growth, fine texture and rich green color renders it one of the finest grasses for lawns and pastures. It starts very early in spring, and on the Pacific Coast remains green practically all the year.

Our seed is imported direct from the most reliable growers in Kentucky. It is free from Canadian Blue Grass and other foreign seeds, is carefully re-cleaned, and is the best seed obtainable. Sow at the rate of fifteen to twenty pounds per acre. For lawns sow one pound to each four hundred square feet. For pasture it is mixed with other grasses.

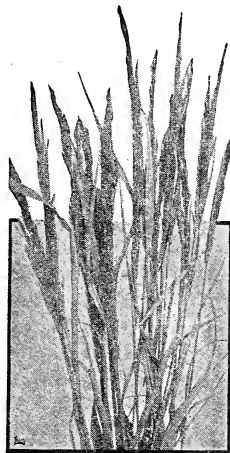
Price subject to change; see supplement following page 48.

LILLY'S Red Top

(*Agrostis vulgaris*)

Red Top, or Herd's Grass, is valuable in wet places where other grasses will not thrive. When mixed with other grasses and clover it makes excellent pasture and a fair grade of hay. We have two grades of Red Top, but recommend the Fancy Red Top, as it is solid seed and only ten to twelve pounds is required to sow an acre. The Choice Red Top is good seed, but it contains the hulls, and nearly twice as much seed is required.

Fancy Red Top, Choice Red Top: Price subject to change; see supplement following page 48.



LILLY'S Red Top

Canadian Blue Grass

(*Poa compressa*)

Canadian Blue Grass, although not so popular as Kentucky Blue Grass for lawns, is more hardy, easier to get started, makes a very tough turf and is of fine texture. It is also a splendid grass in pasture mixtures. Sow one pound to four hundred square feet of lawn, or fifteen to twenty pounds per acre for pasture if used alone.

Price subject to change. See supplement following page 48.

Brome Grass

(*Bromus inermis*)

Brome Grass is valuable in the semi-arid regions where less hardy grasses cannot be grown. It has creeping root-stalks which form a thick turf, and will stand a great deal of drought. It is not especially high in food value, and there are other grasses more valuable for the country west of the Cascade Mountains. It is most valuable as a pasture grass, but grows tall enough for hay. When used alone, sow fifteen to twenty pounds per acre.

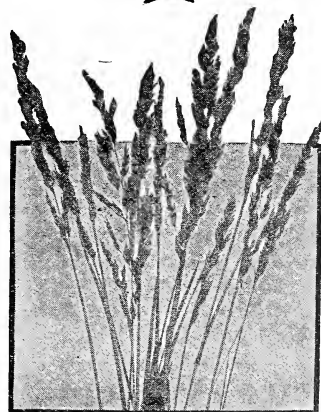
Price subject to change. See supplement following page 48.

Creeping Bent, or Fiorin

(*Agrostis stolonifera*)

A splendid grass in lawn or pasture mixtures. Its creeping, rooting stems form a tough, compact turf that is improved by tramping.

Price subject to change. See supplement following page 48.



LILLY'S Canadian Blue Grass

Unless otherwise specified, prices quoted are f.o.b. Seattle or Portland

LILLY'S
1923

ANNUAL

E. C. Lathrop, Craige, says

"I bought some Turkestan Alfalfa Seed from you, and it had the best germination of any seed I have ever used."

Prices subject to change. Unless otherwise quoted are f.o.b. Seattle or Portland

Orchard Grass



Ask for Special Prices on Large Quantities

Velvet Grass or Mesquite

(*Holcus lanatus*)

Velvet Grass, also known as Mesquite, Meadow Soft Grass and Yorkshire Fog, is of little value except for pastures on light sandy, or marshy soils where other grasses will not grow. It has little food value, is not relished by stock, and on account of its spreading habit is rather difficult to eradicate.

Price subject to change. See supplement following page 48.

JILLY'S English Rye Grass

(*Lolium perenne*)

One of the Most Valuable Hay and Pasture Grasses for the Northwest

English, or Perennial, Rye Grass is especially adapted to the country west of the Cascade Mountains, where it is quite popular, but should be even more generally grown, for it is one of the most valuable grasses. It has a high feeding value, is relished by all stock, and is good in both hay and pasture mixture. It does well on almost any soil, although it prefers rich loam or clay. It makes a quick, strong growth, and when sown thickly is excellent in mixtures for lawns or golf links. When used alone for pasture or hay, the seed is sown at the rate of twenty-five to forty pounds per acre, or in the same proportion when mixed with other seeds.

Price subject to change. See supplement following page 48.

Italian Ryegrass

(*Lolium italicum*)

Italian Rye Grass is supposed to be a biennial, but on the Pacific Coast it lasts almost indefinitely, and is one of our most valuable pasture grasses, as it produces green feed late in the season after other grasses are past their prime. It makes a rapid growth, and will furnish more green pasture in midsummer than any other grass. On moist, rich soil and under irrigation the rapidity of growth and productivity of Italian Rye grass are really wonderful. Sow at the rate of twenty-five to forty pounds per acre when used alone.

Price subject to change. See supplement following page 48.

Orchard Grass

(*Dactylis glomerata*)

Orchard Grass, or Cocksfoot, is one of our most useful grasses. Though it looks coarse, it is one of the earliest, most productive, nutritious and valuable of the cultivated grasses. It comes very early in spring, furnishing pasture earlier than other grasses. It makes good hay if cut as soon as in bloom; later it becomes hard and woody. It is especially valuable, mixed with other grasses and clovers, for pastures and for sowing on logged-off land. It is very hardy, and thrives in shady places where other grasses will not grow, but is not suitable for lawns. It thrives in a great variety of soils and as its roots penetrate to a considerable depth, it withstands drought better than most other grasses on light, dry soils. Being a bunch grass, it is best mixed with other grasses. When used alone, sow twenty-five to forty pounds per acre.

Price subject to change. See supplement following page 48.

Crested Dog's Tail

(*Cynosurus cristatus*)

A perennial grass forming a smooth and lasting turf, excellent in mixtures for lawns, putting greens, and pastures. It thrives best on rich, moist land, but can accommodate itself to almost any soil, and, as the roots penetrate deeply into the ground, it can stand severe drought. Height one to two feet. Sow twenty to thirty pounds per acre when sown alone, or in that proportion when mixed with other seeds.

Price subject to change. See supplement following page 48.

Tall Oat Grass

(*Avena elatior*)

Valuable for pasture on account of its early and luxuriant growth. It also produces a large quantity and good quality of hay. It is deep rooting, hardy, withstands drought, and is grown successfully in Eastern Washington and California. It is best mixed with other grasses, and should not exceed one-fifth of the total amount of seed sown.

Price subject to change. See supplement following page 48.

THE INESTIMABLE VALUE of Grasses for pasturage and hay crops is so generally known that anything we might add would hardly emphasize their great utility for feeding purposes. It is, however, of the utmost importance that Grass Seeds of the finest possible quality only be used. They cost practically the same as seeds of doubtful germination and uncleaned samples, while the results are vastly different.

A. E. Booth, Nanaimo, B. C., states

"I have been using Holly Chick Food exclusively this season, and believe it to be the ideal food for young birds."

JILLY'S
1923
ANNUAL

Meadow Fescue

(*Festuca pratensis*)

Also known as English Blue Grass. One of the best of permanent meadow and pasture grasses. It is very hardy, and succeeds in almost all soils, but does best on moist, rich land. It comes very early in spring and again in fall, and should form a part of all pasture and hay mixtures.

Price; subject to change; see supplement following page 48.

Sheep's Fescue

(*Festuca ovina*)

Of dwarf, thick growth, yielding a large amount of nutritious herbage, and is valuable in pasture mixtures. It prefers dry uplands and thrives in poor, shallow, gravelly soils.

Price; subject to change; see supplement following page 48.

Hard Fescue

(*Festuca duriuscula*)

More dwarf than Sheep's Fescue, but useful in pasture mixtures for dry uplands and poor soils.

Price; subject to change; see supplement following page 48.

Red, or Creeping Fescue

(*Festuca rubra*)

A creeping rooted species, forming a close and lasting turf, resisting drought and thriving on inferior soils, gravelly banks and exposed hillsides.

Price; subject to change; see supplement following page 48.

Sudan Grass

(*Andropogon Sorghum*)

A great drought resisting hay and forage crop, especially suitable for hot, dry sections, but it is not recommended and is not adapted to sections west of the Cascade Mountains. In appearance it resembles Johnson Grass but does not have the aggressive root-stalks, stools more freely, has more and broader leaves, is an annual, and will not become a weed. As it is an annual, it must be seeded each year, like Sorghum or Millet.

The seed should not be sown until the ground becomes thoroughly warmed in spring. It may be broadcasted or drilled at the rate of sixteen to twenty-four pounds per acre, in which case it grows three to five feet high; or it may be sown in rows and cultivated, at the rate of four to six pounds per acre, and sometimes grows six to nine feet high.

The following are good reasons why you should grow Sudan Grass:

1. It lacks entirely the underground root stocks which make some other grasses a pest.
2. Two or even three cuttings can be obtained from it under favorable conditions.

Price; subject to change; see supplement following page 48.

Fine Leaved Fescue

(*Festuca ovina tenuifolia*)

Similar to Sheep's Fescue, but with finer leaves. It has the same dwarf growth and drought resisting qualities, and is suitable in pasture mixtures for dry and inferior soils; also for dry slopes on lawns.

Price; subject to change; see supplement following page 48.

Ask
For
Special
Prices
On
Large
Quantities



Our
Grass
Seeds
Are
Re-
cleaned
and
Tested

LILLY'S Pasture and Hay Mixtures

The Most Suitable Combinations in Correct Proportions for Best Results

These Pasture Mixtures contain the correct early, medium and late grasses to supply pasture continuously during a long season; also bunch, deep rooting, and creeping grasses to form a tough and lasting turf. The Hay Mixture is composed of tall-growing grasses which will mature about the same time, and will produce the maximum amount of hay of the best quality.

No. 1 Pasture Mixture

Especially prepared for wet bottom-lands.

No. 2 Pasture Mixture

For dry up-lands, and especially useful for sowing on logged off land.

Hay Mixture

A splendid mixture, producing hay of fine quality and maturing evenly.

Prices subject to change; see supplement following page 48

LILLY'S
1923
ANNUAL

Luther F. Mottishaw, Nanaimo, B. C., has written
us

"I have fed many different kinds of feed, but none to compare with Holly Chick Feed."

Seed Wheat

LILLY'S Sun

A New Winter Wheat Especially Adapted to the Northwest

After many years experimenting our tests have proven that Sun Wheat excels all others in yield and quality, for the country west of the Cascade Mountains. Sun Wheat is a remarkable new winter wheat imported from southern Sweden and is the heaviest yielder of them all. It ripens earlier than most other varieties. The grain is plump, of a reddish color, and the weight per measured bushel is above the average. It does well on rather light soil, and is resistant to rust and smut. The heads are compact, firm and uniform; very similar to Club wheat but much longer. Its stooling habit is especially good. The straw is of medium height, erect and very stiff. In a comparative test in adjoining fields and under identical conditions, Sun Wheat yielded 55 bushels and Club wheat 40 bushels per acre. The seed is grown for us on contract, from specially selected seed and is under the direct supervision of our grain expert from the time the land is plowed until the seed is threshed and cleaned.

Price; subject to change; see supplement following page 48.

LILLY'S Pedigreed Bluestem

The Popular Spring Variety

Conceded to be one of the most valuable Spring varieties for the Northwest, Bluestem has long been the standard and is still unexcelled. East of the mountains it is very extensively grown. The Bluestem of the Pacific Coast has a white grain and smooth chaff quite unlike the velvet chaff and red grains of the States East of the Rockies. Although a Spring variety it can be sown as a Fall wheat in sections where winters are mild. Its popularity is due to its drought resistance, heavy yielding capacity, non-shattering character and high milling value. Our seed is of the finest quality, carefully selected and thoroughly re-cleaned.

Price; subject to change; see supplement following page 48.

LILLY'S Marquis

The "Thousand Dollar Prize" Wheat

Unquestionably one of the best all round Spring wheats grown, yielding as high as 50 bushels to the acre. Extremely early and productive as well as hardy. Grows stiff, strong straw of medium height and matures its plump, round, dark red kernels two weeks earlier than the Blue Stem. Easy to handle at harvest because free from beards. Unexcelled in both milling and baking qualities. Sow in early Spring.

M. E. McCollam, Agronomist, Washington Agricultural Experiment Station, says of it:

"Some desirable characteristics of Marquis Wheat as grown under Western Washington conditions are early maturity, high bushel weight, non-lodging and non-shattering qualities. Marquis Wheat should be cut when it is not too green. The milling quality of this wheat is distinctly better than the soft Red Winter types. As grown in Western Washington most Marquis will probably class as Red Spring under Federal grain standards."

Price; subject to change; see supplement following page 48.

Red Russian Winter

A great favorite in Eastern Washington being grown very extensively in the Palouse country where it seems particularly suited to. It is a late maturing wheat with very vigorous growth and its abnormal yields of grain have undoubtedly attributed to its popularity. It grows a luxuriant plant very close in habit which makes it doubly valuable for choking out weeds. The stock we offer has been thoroughly re-cleaned—is true to type and we confidently recommend it.

Price; subject to change; see supplement following page 48.

OBSERVATIONS BY PROF. E. P. GAINES, CEREALIST, WASHINGTON AGRICULTURAL EXPERIMENT STATION

Wheat is the standard grain crop of the Northwest. It is grown under wide variation of temperature, elevation and rainfall. Fall wheat should be drilled in at the rate of from three to six pecks (45 to 90 lbs.) per acre on a rather loose cloddy seed bed. Spring wheat does better drilled in early on a seed bed that is rather firm below the first two or three inches. Harrowing wheat is of doubtful value unless the ground is badly crusted or foul with mustard or other weeds.

The country seems to be in a transition stage just now as is shown by sudden popularity of several new strains. As a rule, winter wheat yields more than spring wheat. For silage or hay wheat should be cut in the dough stage, but for grain it should be well matured.

W. C. Stotera, Pasco, writes

"The seeds which I ordered from Lilly's produced some of the best vegetables that we have ever raised."

LILLY'S

1923
ANNUAL

Seed Barley

Lilly's White Hulless—Beardless

Threshes Out Like Wheat, Making It a Valuable Stock and Poultry Food

Barley is one of the very best stock foods, either as grain or hay. It is also splendid as a nurse crop for grasses and clover and as a support for vetch and peas. It is a shallow feeder, and requires a mellow, rich soil with fertility near the surface. It is not a crop for poor, sandy, or worn out land, neither does it do well on newly cleared land, but no other crop responds more readily to good soil and thorough cultivation, and the careful farmer who gives a little extra attention to thorough preparation of the soil will be amply repaid for his trouble. The only objections to barley have been the long, stiff beards which are objectionable in grain hay, and the hulls, which make the grain less valuable for feeding purposes. These objections are entirely overcome in White Hulless Barley, for it is entirely beardless, as shown in accompanying half-tone, and when threshed hulless, like wheat, to which the large, plump, hard grain is very similar. The hay is superior to any of the other grain hays, and the grain, especially when rolled or ground, is unexcelled as a grain food for horses, hogs, cattle, or poultry.

White Hulless Barley is more productive than wheat, and matures about two weeks earlier. It may be sown as late as July, provided sufficient moisture may be depended upon, making it a valuable catch crop. West of the Cascade Mountains it is sometimes sown in fall. It is sown the same as wheat, at the rate of about one hundred pounds per acre. Culture the same as Common Barley.

Price; subject to change; see supplement following page 48.

Vermont Beardless—Entirely Beardless

This is a highly improved strain of Beardless Barley, entirely free from bearded heads, making it very much superior to the bearded varieties for hay. It is also preferable for grain, as it is as easy to handle and thrash as oats. Vermont Beardless Barley is very early, and as it is hardy, may be sown early in spring, or it may be sown as late as the first of July. The straw is good, stands up well, and is a splendid variety to sow with vetch or peas. It is very productive. Price; subject to change; see supplement following page 48.

Wisconsin Pedigreed

The world's greatest prize winner; yields nearly twice as much to the acre as common barley and has made millions of dollars for the farmers of America's barley growing districts. This barley was introduced by the Wisconsin Agricultural Experiment Station, the originators of the well known Oderbrucker Barley, to which they claim that this is much superior. It has very nearly replaced all other varieties of bearded barley. The heads are exceedingly long and are uniformly well filled; the straw is strong; the grain is large, plump, and heavy, and the experiment station claims that it outyields all other bearded varieties five to six per cent.

Price; subject to change; see supplement following page 48.

Beardless

The ordinary strain of beardless barley, which until recently has been the best obtainable. On account of not being thoroughly perfected by selection, it may produce some bearded heads. Will stand up on any land. Sow as early as possible for frost does not hurt it.

Prices; subject to change; see supplement following page 48.

Six Row White (Extra Selected)

Specially selected reselected seed of the common, white, six-rowed, bearded barley which has been most generally grown. It is sometimes sown in the fall west of the Cascade Mountains.

Price; subject to change; see supplement following page 48.

Barley Pointers

Barley may be planted either in fall or spring. It winter kills more easily than wheat, however. The straw is somewhat weaker than that of wheat or oats and for that reason it is liable to lodge when seeded on moist rich bottom lands. On the average it yields three hundred pounds more per acre than wheat and two hundred and sixty-four pounds more than oats. The counties of greatest barley production in Washington are Columbia, Garfield, Whitman, Lincoln and Walla Walla, ranking in the order named.



**GROW
BARLEY
THIS
YEAR**

Ask for
Lilly's
CROP BOOK
It's FREE
with Orders

LILLY'S Banner

A POPULAR, PRODUCTIVE VARIETY

A very popular white oat, with spreading head, introduced from Scotland. The straw is of medium height, and stands up well. The grain is white, with a comparatively small percentage of hull, and is heavier than the average. Experiment Station tests show it to be among the best in yield and quality.

Price subject to change. See Supplement following page 48.



LILLY'S Pure

LILLY'S

Black Alaska

Especially valuable for sowing with Vetch for Silage—Produces enormous quantities of the most excellent foliage—A very Superior, Hardy Black Oat

A hardy black oat, with spreading head, thick, black hull, and large, plump, dark colored kernels. The straw is large and strong, not liable to lodge, stools freely, is a heavy yielder, and is splendid to sow with vetch or field peas to support the vines. It is sometimes sown in fall, but is not so hardy as Gray Winter Oats, and is more liable to freeze out during the winter.

Our prediction of preceding years as to abnormal cropping qualities of this excellent selection has been realized. Our contract crops have been the talk of the district and everyone who saw them growing was enthused with their exceptionally fine appearance and yielding properties.

Lilly's Black Alaska is a Spring Oat—very plump, weighing 40 lbs. or more to the bushel, and nearly black kernel.

Those of our customers who have hitherto grown the Old Black Tartarian will appreciate this special selection. These Oats were originally picked out from our trials and grown in comparison with others three or four years ago when they at once outyielded all others. During growth they showed marked characteristics of head and stiff large straw. While it is true that Side Oats do not generally yield as heavily as head oats this selection has proved an exception for three successive seasons. The kernels are larger than other varieties of this type but have a slightly thicker hull.

We have a generous stock, but in view of the exceptionally fine qualities of this Oat there is sure to be a heavy demand. Mail your order early to avoid disappointment, as you cannot obtain Black Alaska Oats of equal quality elsewhere.

Price **\$5.00** per 100 lb. sack.

LILLY'S Gray Winter

ESPECIALLY VALUABLE FOR FALL SOWING

Gray Winter Oats are very hardy, and are generally used for fall sowing, and are especially useful for sowing with vetch. The straw grows very long, is stiff and not liable to lodge. It is a head oat. The grain is dark gray, large and plump, and it yields well.

Price subject to change. See Supplement following page 48.

Prices Are F. O. B. Seattle or Portland

C. O. Took, Seattle, writes
"I have used Holly Chick Food for the last two years and I must say it is the best."

LILLY'S
1923
ANNUAL

Seed Oats

JILLY'S

Swedish Select

(Vassar Type)

This is the best strain of Swedish Select Oat. It is pedigreed stock grown from seed imported by us direct from Sweden

Swedish Select has long been popular. Our seed is grown in Washington, thoroughly acclimated.

It makes a very sturdy growth; the straw is of medium height and is extra large, making it less liable to lodge than any other variety. It yields very heavy crops. It has a large spreading head, and the grain is large, plump, and very heavy, weighing forty-eight pounds to the measured bushel. It is one of the very earliest varieties, and on account of its exceptionally fine quality and heavy yield is one of the most valuable varieties grown. We recommend early ordering.

Price **\$5.00** per 100 lb. sack.

SWEDISH SELECT—Common Stock

Although this is clean dependable quality of high germination it has not been selected with the same care but we can recommend it for those who are satisfied with general stock.

Price subject to change; see supplement following page 48.

JILLY'S Abundance

This is a variety introduced from Scotland, and has made a splendid showing in our seed fields, yielding equal to Victory Oats on heavy soil. It also ranks with the best in trials at the Washington Agricultural Experiment Station. The straw is of medium height, sturdy, and stands erect. It is medium early; has a spreading head; the grain is white and of medium size and weight.

Price subject to change. See Supplement following page 48.

White Seed Oats

During the sowing season we carry generous stocks of White Seed Oats of dependable quality and are in a position to make special prices for large quantities. Ask us.

ORDER EARLY The best time to order is immediately after receipt of this catalog. Write **TO-DAY**.

Write for Special Prices on Large Quantities

JILLY'S Victory

Excels Others in Yield on Light Soil

Our tests show Victory Oats to be way ahead of all others in yield on light soils, although Abundance Oats yield about the same on heavier soil, and they are not of such extremely fine quality as Swedish Select. However, the quality is good, and as productiveness is the most important point with most growers, we highly recommend this variety. Victory is a head oat; the straw is of medium height and is particularly firm and elastic, making it resistant to lodging.

The grain is white with a slight reddish shade, and is smaller than Swedish Select. Our seed is pure, and is grown with special care, in Western Washington, from seed stock imported from Sweden.

Price **\$5.00** per 100 lb. sack.



JILLY'S
1923
ANNUAL

Mr. L. Gamand, Blaine, says
"I have used Holly Chick Feed for my young chicks and can say that it is just the thing."

LILLY'S

Selected Field Corn

Varieties Most Suitable for the Northwest

PLAIN FACTS ABOUT OUR FIELD CORN

Corn can be grown successfully in the Northwest but the soil and cultivation must be right to ensure satisfactory crops. It is especially valuable as a fodder crop and is unequalled for silage.

WE SELECT OUR SEED FROM THE BEST SOURCES OF SUPPLY, AND IT'S GROWN IN THE RIGHT LATITUDES TO GIVE THE NEXT YEAR'S CROP EVERY CHANCE TO RIPEN PROPERLY.

Our seed corn is grown for us under the best possible conditions. Consequently it is unusually strong in vitality. It is carefully graded, too, which insures a bumper crop of high grade ears, not nubbins. It is repeatedly tested for germination, so we know that it is right when it leaves our shipping room. A test, to satisfy us, must show a sufficient number of root sprouts to secure a strong stand and big yield.

Remember, it costs as much to plant poor, indifferent seed and to cultivate the ensuing crop as it does to plant LILLY'S SELECTED SEED CORN, which is the best the market affords.

To make sure of getting the right sort of corn for next season's planting, mail your order and remittance at once, stating your planting and soil conditions—we'll hold the corn until you want it shipped—and send you corn tested right up to date.

LILLY'S Silver King

Silver King is one of the most useful varieties ever introduced. It has been the means of extending the corn growing industry over a greater amount of new territory than has ever been done by any other single variety. It is particularly adapted for growing in those latitudes where other varieties of corn do not mature satisfactorily. The stalks generally grow 7 to 8 feet in height with ears $2\frac{1}{2}$ feet from the ground. The ears are 7 to 9 inches long, smooth, straight rowed, and of perfect shape. Kernels are large, pure white and dented.

LILLY'S Golden Nugget

The best yellow dent corn for the Northwest. The stalks grow to a good height, producing one or two good ears each. The ears are ten to eleven inches long, fourteen to sixteen rowed, and well filled. The cobs are small and the kernels deep, flinty, slightly dented and of a beautiful golden yellow color. Grown from thoroughbred seed, and is tested for germination.

LILLY'S Pride of the North

This excellent variety has long been the standard corn recommended by the Agricultural Stations as the best yellow dent for Washington and Oregon. The grain is very long, sets close on the cob. It is extremely rich in oil and sugar, goes further in flesh production than ordinary sorts. It matures early and yields heavily. Is especially recommended for silo.

LILLY'S North Western Dent

This is in a class by itself both as to appearance and earliness and its merits are not sufficiently known and appreciated in the Northwest. It is a cross between a Red Flint corn and a White Dent corn and has red kernels with white caps and shading. It is extremely early and productive. Under ordinary circumstances it will mature in 85 to 90 days and yields from 60 to 80 bushels of corn per acre. As a silo corn Northwestern Dent is very desirable for it produces an unusually big amount of good fodder.



LILLY'S Silver King

Other Popular Sorts

LEAMING IMPROVED

Early Yellow dent; long, narrow kernels.

IOWA GOLD MINE

A medium early golden yellow dent corn.

MINNESOTA NO. 23

One of the earliest yellow dent varieties. Sometimes called White Cap Yellow Dent.

CHAMPION WHITE PEARL

A large, late, white dent corn.

EARLY CANADA

An early yellow flint variety.

KING PHILIP

An early red flint corn adapted to the Northwest.

SANFORD WHITE FLINT

A reliable, early, large, white flint corn.

MINNESOTA NO. 13

A good, new, large, early, yellow dent corn.

SWEET FODDER CORN

Sweet corn; producing nutritious fodder.

RED COB ENSILAGE CORN

A red corn for fodder and ensilage.

Prices subject to change—See supplement following page 48.

Note—Our Minnesota 13 is Minnesota grown.

LILLY'S
1923
ANNUAL

Vetch

A Valuable Hay, Ensilage, Pasture, Soiling and Fertilizing Crop

The vetches are among the most valuable leguminous crops that can be grown in the Northwest for hay, ensilage, pasture, soiling, green manure, and for cover crop for orchards. In food value they are about the same as alfalfa, are consumed with less waste and are relished by stock. They are of the greatest value as fertilizers. Like alfalfa, clover, peas and other legumes, vetch has the power of drawing nitrogen from the air and distributing it in the soil. Even though the crop is removed from the land, the soil will be improved; when plowed under the benefit will be much greater.

The names Spring Vetch and Winter Vetch are misleading. Spring Vetch is the variety used almost exclusively west of the Cascade Mountains, and in other mild, cool, moist climates, for either spring or fall sowing. Winter Vetch is used east of the Cascades and in climates where the winters are severe and the summers hot and dry, for fall sowing generally and sometimes for spring sowing.

Purple Vetch (*Vicia atropurpurea*)

There are so many excellent characteristics and its proven suitability to our climatic and soil conditions after several years trial that we confidently recommend Purple Vetch to a place on every farm. For Spring sowing it undoubtedly is a strong rival to the Common Vetch and we predict it will ultimately supercede that old variety.

E. B. Stookey, Agronomist, Western Washington Experimental Station, wrote to us July 12, 1920.

"The citrus growers of California find that this is much better adapted under their conditions for green manuring than anything else they have tried. We have grown Purple Vetch here for many years and our average yield per acre is 22 bushels. It is very well adapted to upland and can be depended on to yield about this rate. On the lowlands it has a tendency to grow too late in the season, it being much like peas in this respect. A characteristic about this that makes it very desirable for green manuring is the fact that when there is sufficient moisture it will make a much better growth at high temperature than any other Vetch."

The seed we offer is produce of our own contract crops grown in Washington and the quality is excellent. As there is certain to be a heavy demand please mail order early as stock of the quality we offer is not large.

For price see supplement following page 48.

Winter or Hairy (*Vicia villosa*)

For Fall or Spring East of the Cascades

Winter, Sand, or Hairy Vetch is another legume, similar to Common Vetch, and valuable for the same purposes, but it is suitable for climates where the winters are more severe and the summers hotter and drier for fall sowing but it may also be sown in spring.

It makes splendid hay, ensilage, pasture, green feed, and is of special value as a fertilizer. Used as a cover crop for orchards, it prevents washing of the soil during the winter, and when plowed under in spring it makes one of the very best fertilizers, furnishing nitrogen and humus, both of which are needed by the soils in that section. Nitrogen is the most expensive fertilizing element, and is the element most lacking.

The seed of Hairy Vetch is smaller than Common Vetch, and thirty pounds is sufficient to sow an acre. With it should be sown about sixty pounds of wheat or rye to keep the plants off the ground.

Price subject to change; see supplement following page 48.

Common, or Spring (*Vicia sativa*)

For Spring or Fall West of the Cascades

Common Vetch is perfectly adapted to conditions west of the Cascade Mountains, where it is sown either in fall or spring, preferably in fall. It is an annual legume, of great value as a nitrogen gatherer, as a green manure, and as a pasture, ensilage and soiling crop. When sown early in fall it is a splendid cover crop for orchards. It makes excellent ensilage, and dairy cattle prefer the hay to that of red clover. The yield of cured hay is from one and one-half to four tons per acre.

Common Vetch sown early in September should be ready for feeding green about the middle of April or first of May. It may be sown as late as the middle of November and should be ready for feeding by the first of June. When sown early in spring it should be ready for feeding in June. It is generally sown at the rate of 60 to 100 pounds per acre, with about 50 pounds of oats, rye, wheat, or barley to support the vines.

Price subject to change; see supplement following page 48.

Common
Vetch

To insure a crop of Vetch, or other legumes, inoculate the seed with Farmogerm.

Grow More Rye

Rye has been called the "Grain of Poverty" because it is better adapted to poor soil than any other cereal.

Lilly's Rosen Rye

Rosen is a high yielding, heavy stooling, stiff-strawed, hardy winter rye of wide adaptation. Developed from a Russian importation, it was first grown at the Michigan Agricultural College in 1908. The heads of Rosen are large and full bodied with beards of medium length. The kernels are exceptionally large and plump and of light greenish color. As compared to Common varieties of rye, Rosen heads stand at a more uniform level in the field at harvest, resembling wheat in this respect. Common rye has many sterile glumes, resulting in partially filled heads. Rosen has few vacant places in the head but tends to develop a large plump kernel wherever there is room for one.

Rosen Rye produces yields greatly superior to the Common varieties. In 1908 the first Rosen Rye occupied 20 square feet of ground at the Michigan Agricultural College. The 1922 area of Rosen Rye is estimated at 1,000,000 acres. Only a very small per cent is pure. Growers should demand pure Rosen, grown under conditions which prevent crossing by Common Rye.

The stock we offer is excellent pure Rosen. We recommend early ordering as the demand is sure to be heavy and seed of equal quality will be hard to replace.

Price subject to change; see supplement following page 48.

Petkuser

Our original seed stock was imported from Sweden. From that seed we have grown splendid crops and now have a good stock of seed which is thoroughly acclimated to the Northwest.

The heads are long, four rowed and the kernels are larger than the common rye. The straw is strong and will not lodge under ordinary weather conditions.

Price subject to change; see supplement following page 48.

Common Seed Rye

Our seed is specially re-cleaned, and only the largest and heaviest kernels are retained. Rye is a valuable and hardy crop, providing green foliage in late Fall and early Spring. It matures more quickly than most other crops and can be made to yield a good crop on soil that is too poor for other cereals.

Price subject to change; see supplement following page 48.

REASONS WHY

1. The leading feature of Rye is its reliability to produce abundant hay crops.
2. Splendid for pasture.
3. Valuable grain crop.
4. Rich and nourishing to Stock of all kinds.
5. Rye will thrive on poor soil, and adapts itself to unfavorable climatic conditions.
6. Economical in price.
7. One of the best crops with which to seed down land to grass or clover on account of being removed from the land so early in the season.
8. Especially useful in rotations designed to restrict or eradicate noxious weeds.

E. B. Stookey, County Agent for Thurston County, writes us:

"Rosen is by far the best variety of rye which has been grown at the Experiment Station, at Puyallup, and should rapidly replace other varieties."



Heads of Rosen Rye

Mrs. J. L. Jacobson, Tacoma, writes "Lilly's Molting Mash is far superior to any representation made in your advertising."

LILLY'S
1923
ANNUAL

LILLY'S Field Peas

A valuable Grain, Hay, Ensilage and Fertilizing Crop for the Northwest. Takes the Place of Corn for Hog Raising

Soil and weather conditions in the Northwest, especially west of the Cascade Mountains, are ideal for growing peas, and field peas are one of our most valuable crops for either grain, ensilage, or soiling. The grain is a splendid food for hogs, and makes hog-raising possible in this section where it is difficult to mature corn properly. Pea-fed pork is unexcelled. Peas are also the most satisfactory crops for "hogging down."

Peas do best when sown very early in Spring. They are sometimes sown in fall west of the Cascades. When sown early they will mature in July, in time to plant the ground to some other crop. They are usually drilled or sown broadcast at the rate of one hundred pounds per acre, together with about one hundred pounds of oats, wheat, rye, or barley to support the vines. They produce twenty-five to thirty bushels of grain, or two to four tons of hay per acre.

Like clover, alfalfa and vetch, peas are legumes and valuable as a fertilizer. When peas are grown on land for the first time, the seed should be inoculated with Farmogerm to insure presence of nitrogen gathering bacteria.

Yellow Canadian

These small, round, smooth, yellow peas are the most generally grown field peas for stock food, and great quantities are also used for human consumption.

For prices see supplement following page 48.

Green, or Bluebell

The seed is larger than the Yellow Canadian, and it has a bluish color, but is very similar in all other respects.

For prices see supplement following page 48.

Bangalia

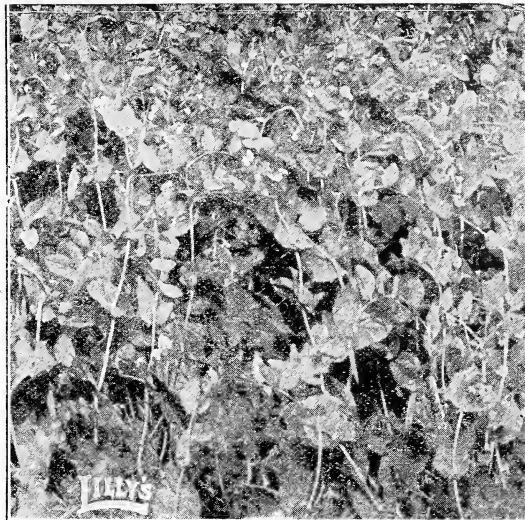
A comparatively new variety which has become quite popular east of the Cascades, as it does better than other varieties on dry land. The seed is rather small, slightly dented or wrinkled, and is of a brownish-green color.

For prices see supplement following page 48.

Whip-Poor-Will Cow Peas

Cow Peas are grown extensively in the south for fodder and to plow under for fertilizer. They may be grown in Eastern Washington and Eastern Oregon, but should not be sown until the ground becomes thoroughly warmed in spring. They cannot be grown successfully west of the Cascade Mountains.

For prices see supplement following page 48.



Field Peas

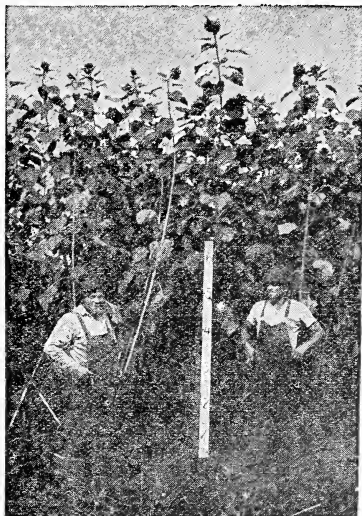
LILLY'S Emmer, or Speltz

Produces Good Crops Where Other Grains Fail

It is a species of wheat, resembling two-rowed barley in appearance, and is extremely hardy and drought resisting, making it especially valuable for stock food, either as grain, hay or forage, in dry regions or on poor soils.

It will produce fair crops under almost any condition of soil or climate, but its greatest value lies in its ability to produce a crop in hot, dry localities and on poor soil, where other grains would fail. Under such adverse conditions it will produce more and better stock food than any other grain. In feeding value it equals barley or rye. When threshed it retains the hulls like barley, but the beards are very short, as shown by accompanying cut. It is generally sown in spring in the same manner as wheat or barley at the rate of about 100 lbs. to the acre.

For prices see supplement following page 48.



GROW

Sunflowers for Silage

Although the sunflower (*Helianthus annuus*) is a native of North America and has grown in nearly every garden in this country, it is only in recent years that it has been recognized as a forage plant. The earliest record of sunflower cultivation is found in Spain about 350 years ago.

In Oregon and Washington some sunflowers were grown in an experimental way in 1918. The results were such as to stimulate interest, and in 1919 a considerable acreage was planted for silage purposes. The yields were in general very satisfactory, varying from 10 tons per acre, under dry land conditions, to 50 tons per acre. In the higher altitudes and under dry farming conditions, the average yields per acre were greater than with any other crop.

Our illustration shows a crop grown, from seed supplied by us, on Grant & Reids Farm, Wynooche Valley, on rich, sandy clay loam. Seed sown the middle of May in rows 3 feet apart—plants 6 to 8 inches apart in rows. The crop was cultivated twice during the summer and yielded

31 tons per acre →

The variety we offer is

Mammoth Russian, or Giant

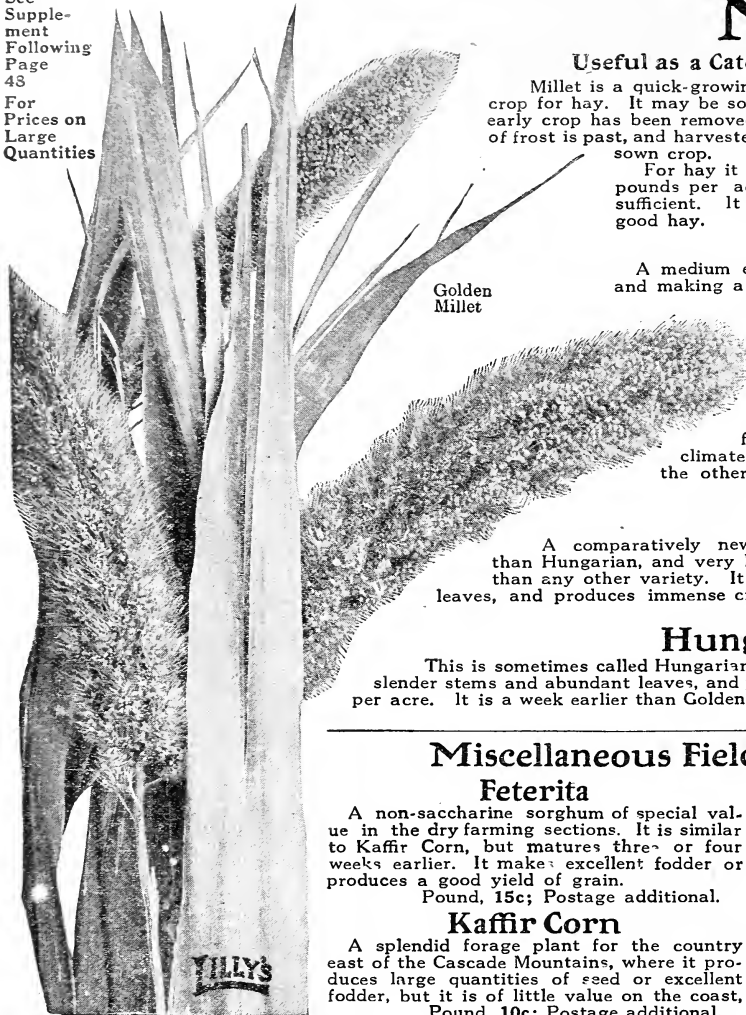
For prices see supplement following page 48.

E. C. Crane, Lynden, states

"We had the pleasure of trying your molting mash this year and we never saw any feed give better results."

LILLY'S
1923

ANNUAL



Golden
Millet

Millet

Useful as a Catch Crop for Hay and Forage

Millet is a quick-growing annual, and is mostly useful as a catch crop for hay. It may be sown as late as the last of July, after some early crop has been removed, or it may be sown in spring, after danger of frost is past, and harvested before the land will be required for a full sown crop.

For hay it should be sown at the rate of about twenty pounds per acre; for seed to twelve to fifteen pounds is sufficient. It produces two to five tons per acre of very good hay.

Golden

A medium early variety, growing four to five feet high, and making a very good quality of hay or forage. It will thrive in almost any soil or climate, and sometimes produces as much as five tons of hay and seventy bushels of seed per acre. Pound, 10c; Postage additional.

Japanese

Grows six feet or more in height and produces immense crops of splendid hay forage, or ensilage. It does well in most all climates and soils. Less seed is required than of the other varieties.

Pound, 10c; Postage additional.

Siberian

A comparatively new variety, imported from Russia; earlier than Hungarian, and very hardy, withstanding more heat and drought than any other variety. It makes a rank growth, with abundance of leaves, and produces immense crops of excellent hay.

Pound, 10c; Postage additional.

Hungarian

This is sometimes called Hungarian Grass. It grows about three feet high, with slender stems and abundant leaves, and produces two or three tons of excellent hay per acre. It is a week earlier than Golden Millet, and requires less moisture.

Pound, 10c; Postage additional.

Miscellaneous Field and Forage Seeds

Feterita

A non-saccharine sorghum of special value in the dry farming sections. It is similar to Kaffir Corn, but matures three or four weeks earlier. It makes excellent fodder or produces a good yield of grain.

Pound, 15c; Postage additional.

Kaffir Corn

A splendid forage plant for the country east of the Cascade Mountains, where it produces large quantities of seed or excellent fodder, but it is of little value on the coast.

Pound, 10c; Postage additional.

Broom Corn

Another non-saccharine cane, grown for seed, fodder, and for manufacturing brooms. Not grown successfully on the coast, but may be grown east of the mountains. Grown the same as Kaffir Corn.

Pound, 10c; Postage additional.

Japanese Buckwheat

Excels all other varieties. The grain is large, it yields heavy, ripens early, stands up well, and the flower is fairly equal to any other. It remains a long time in bloom and is excellent for bee pasture.

Pound, 15c; Postage additional.

Sunflower

The seed is excellent poultry food, when mixed with grains, and should be more generally grown by poultrymen.

Pound, 15c; Postage additional.

Flax Seed

Sow seed in spring on moist land, at the rate of thirty pounds per acre if grown for seed, or twice that amount if grown for fiber.

Pound, 15c; Postage additional.

Early Amber Sorghum

The sugar cane used for making sorghum syrup, also a splendid summer forage crop for cows; very sweet, rich and succulent. Should not be planted until the weather is thoroughly warm in spring.

Pound, 15c; Postage additional.

Soja, or Soy Bean

The beans are valuable for both human and stock food, also for the oil which they contain. They are not yet grown very extensively in this country, but great quantities are imported from Asia. The plants are also grown for forage and green manure, similar to Cow Peas.

Pound, 15c; Postage additional.

"HUBAM"

There has probably never been such a demand for any seed as there is for this new Giant Annual White Sweet Clover, and there is no question but that a plant possessing the characteristics which it does will be of great practical agricultural value. The reports received by the Iowa Experiment Station (where it was discovered in March, 1916), show that in nearly all parts of the United States this Clover has made the remarkable growth of from 4 to 8 feet in from 4 to 5 months from seeding. It is predicted it will revolutionize farming by furnishing the best manurial crop yet introduced. The available supply of genuine seed in commercial quantities being so very limited we recommend early ordering. Price on application.

Corn for Popping

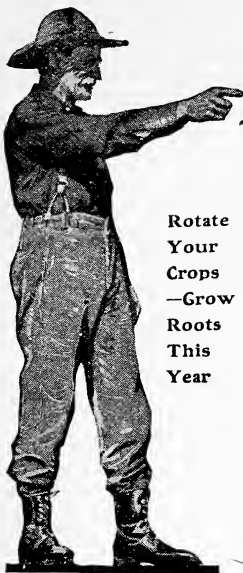
"OURS POPS"—AND POPS LARGE

Remember the children—Let them have some corn to pop. Ours is the earliest variety and is thoroughly matured grain for the purpose. Pkt. 15c, 1 lb. 25c, Postpaid.

WRITE FOR PRICES ON LARGE QUANTITIES

T. J. Lindgren, Nelson, writes
"Lilly's seeds are the very best that we have
ever used."

LILLY'S
1923
ANNUAL



Rotate
Your
Crops
—Grow
Roots
This
Year

Farmer Freeman Says

GROW MORE ROOTS

It is a regrettable fact that Farmers and Stock raisers in this Western country do not fully appreciate the great value of Mangels for feeding Cattle, Sheep and Hogs. There is no question whatever as to the desirability for their more general use. In Great Britain and in fact all other European countries Root crops are grown on a large scale on every farm. Mangels are considered indispensable where stock of any kind is kept. From an economical point of view the Mangel crop is one of the most profitable on the farm as is amply demonstrated by the immense yields which are produced from an acre at very little outlay either in material or labor. 18 to 20 tons of roots per acre is not unusual, some of the roots weighing from 20 to 30 lbs. each. We earnestly recommend every farmer to put in an acre or two of Mangels this season as we are confident the results will more than justify the outlay.

Ruta Baga, or Swedish Turnip

Lilly's King of Swedes

A Splendid Variety for Stock Food or Table Use

Ruta Bagas are grown and used similar to turnips, but require a longer season for growth and are even more valuable for stock food; they are also preferred by many for table use. Lilly's King of Swedes is an ideal, yellow fleshed rutabaga. The flesh is sweet, fine grained, juicy, tender, solid, and the color is bright yellow, very attractive, making it especially desirable for table use. Its large size, productiveness, hardness and splendid keeping qualities make it the most valuable variety for winter feed for stock.

Pkt. 10c, Oz. 20c, ¼ lb. 45c, lb. \$1.25, Postpaid.

American Purple-Top Improved

An excellent variety for either table use or stock. The flesh is yellow, solid and sweet. It is of nearly globular shape, very large, immensely productive, and a good keeper.

Pkt. 10c, Oz. 20c, ¼ lb. 45c, lb. \$1.25, Postpaid.

Monarch, or

Tankard Ruta Baga

The roots are very large and are tankard shaped, with small neck and tops. The color is purplish-red above ground, yellow below. The flesh is yellow, fine grained and sweet. Very productive and a good keeper.

Pkt. 10c, Oz. 20c, ¼ lb. 45c,
1 lb. \$1.25, Postpaid.

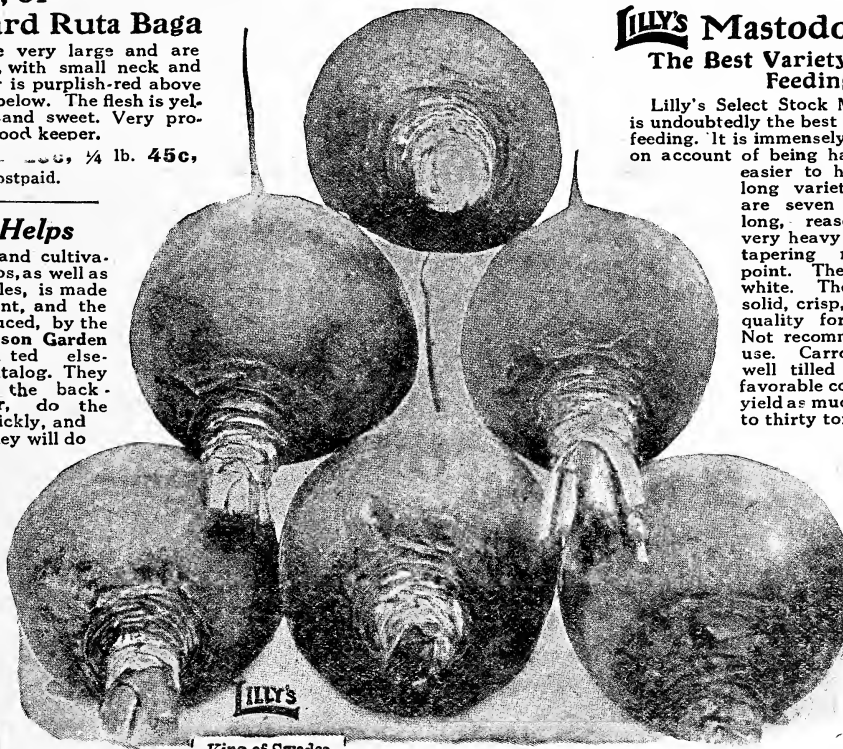
Garden Helps

The planting and cultivation of root crops, as well as garden vegetables, is made easy and pleasant, and the expense is reduced, by the use of the Hudson Garden Implements listed elsewhere in this catalog. They do away with the back-breaking labor, do the work more quickly, and do it better. They will do more than pay for themselves the first season.

Protect
Your
Root
Crops
With

Lilly's
Maggot
Bait

See Page 62



King of Swedes

Lilly's Mastodon Carrot

The Best Variety for Stock Feeding

Lilly's Select Stock Mastodon Carrot is undoubtedly the best variety for stock feeding. It is immensely productive, and on account of being half-long is much easier to harvest than the long varieties. The roots are seven to nine inches long, reasonably smooth, very heavy at the shoulder, tapering regularly to a point. The color is creamy white. The flesh is white, solid, crisp, and of excellent quality for stock feeding. Not recommended for table use. Carrots require rich, well tilled soil, and under favorable conditions often yield as much as twenty-five to thirty tons per acre. They are splendid stock food, and should be more generally grown for that purpose.

Pkt. 10c,
Oz. 20c, ¼
lb. 40c, lb.
\$1.00, post-
paid. 10 lbs.
\$9.00, post-
age extra.

Write for
prices on
large quanti-
ties.

W. E. Jennings, Marysville, states
"Lilly's seeds have invariably given the best of
results."

Lilly's
1923
ANNUAL

Mangel

The stocks we offer are grown by ourselves on Puget Sound, therefore we know they are true to name and type. We have found that the Puget Sound country produces very high grade root seeds, quite equal, and in many respects superior, to those formerly imported from Europe. There is no need for you to plant imported seeds from other sources when you can get home grown stock of such excellent quality as we offer in this catalog. Help us encourage local industry.



Danish Sludstrup

Stock Beets Are Valuable Winter Feed for Stock and Poultry

Mangels, or Stock Beets, yield immense crops of nutritious, succulent winter food for stock and poultry, and our cool, moist climate on the Pacific Coast is especially adapted to their growth. Danish Sludstrup is a splendid variety, and is undoubtedly the best variety grown. Our original seed stock was procured from Denmark, where the variety has been awarded a first-class certificate by the Danish Government. Sludstrup is a long mangel, smoother than others, uniform in shape, of immense size, and the yield is remarkable. It is of a reddish yellow color, grows well above ground and is easy to harvest, and chemical analysis shows it to excel all other varieties in food value.

Pkt. 10c, ½ lb. 40c, 1 lb. 70c, 10 lbs. \$6.50, Postpaid.

Giant Intermediate, or Gate Post

In shape it is intermediate between the long and globe-shaped varieties. The roots are large; neck small and short; flesh nearly white, sweet and tender. A big cropper.

Pkt. 10c, ½ lb. 40c, 1 lb. 70c, 10 lbs. \$6.50, Postpaid.

Half Sugar Mangel

Combines the size of mangel with the great food value of the sugar beet. The flesh is white, firm, crisp and is greedily eaten by stock.

Pkt. 10c, ½ lb. 40c, 1 lb. 70c, 10 lbs. \$6.50, Postpaid.

Long Red

A large, red mangel, producing immense crops. The flesh is white shaded with red. Grows much above ground, and is easy to harvest.

Pkt. 10c, ½ lb. 40c, 1 lb. 70c, 10 lbs. \$6.50, Postpaid.

Golden Tankard

A popular, tankard shaped, stock beet. Large size; flesh yellow; nutritious and well liked by stock. Will grow in shallow soil.

Pkt. 10c, ½ lb. 40c, 1 lb. 70c, 10 lbs. \$6.50, Postpaid.

YELLOW GLOBE. Noted for its small top and as it almost sits on the soil lifting the crop involves the minimum of expense. The skin is an attractive golden yellow. The flesh is fine grained and nutritious.

Pkt. 10c, ½ lb. 40c, 1 lb. 70c, 10 lbs. \$6.50, Postpaid.

Golden Giant

An excellent variety, of immense size, uniform shape, and very productive. The flesh is light yellow, fine grained and very rich. It is half-long, easily pulled, and a good keeper.

Pkt. 10c, ½ lb. 40c, 1 lb. 70c, 10 lbs. \$6.50, Postpaid.

Royal Red

The roots are very large, uniformly straight, well formed and solid; tops small; color deep red. It produces immense tonnage, roots weighing twelve pounds being not uncommon.

Pkt. 10c, ½ lb. 40c, 1 lb. 70c, 10 lbs. \$6.50, Postpaid.

Klein Wanzleben Sugar Beet

The variety most generally grown for sugar. Very rich in food values, but not so productive as the mangels. Splendid food for dairy cows.

Pkt. 10c, ½ lb. 45c, 1 lb. 80c, 10 lbs. \$7.50, Postpaid.



A crop of **JILLY'S** Danish Sludstrup Mangel showing roots ready for selection

Mrs. P. Cooper, Roseburg, Oregon, informs us
"We used your seed last year and found all of
them extra good."

JILLY'S
1923
ANNUAL

Forage Crop Seeds

Lilly's Dwarf Essex Rape

You can't grow a crop that will pay you better profits than Rape. As a forage crop, this great annual is in a class by itself. Hogs and sheep take to it eagerly and put on big gains rapidly. It is usually ready for feeding seven weeks after planting and will produce first-class pasture long after all other green forage has been destroyed by frost. It is particularly useful when other green food is scarce during the dry season in summer and early fall. Rape is easily grown and thrives in almost all soils in the United States and Canada. It can be sown at any time from early spring until August. Planted in cornfields at the last cultivation, it grows to a height of 18 or 28 inches and furnishes splendid fall feed. It thrives best in cool weather and is especially adapted to our climate on the Pacific Coast. It is also frequently sown with oats and other small grain and does not interfere with either the yield or harvesting the grain, but produces a splendid rape crop afterwards; 3 to 5 lbs. of seed is usually sown to the acre. Sow some of it this year and get big yields of succulent forage for your live stock.

1 lb. 25c, 10 lb. \$1.75, Postpaid. Write for prices in quantities.

A fine crop of
Thousand
Headed
Kale



Lilly's Thousand Headed Kale

Supplies Green Food for Cows, Sheep, Hogs, and Poultry During Winter

Thousand Headed Kale or Cow Kale as it is sometimes called is one of the most useful crops for the Pacific Coast. It belongs to the cabbage family, is succulent and nutritious and is unequalled as green food for stock, especially poultry and cows. West of the Cascade Mountains it is left in the ground all winter and cut as required for feeding.

It is not only an economical food but by supplying succulent green food will keep stock in perfect health. No poultryman can afford to be without his patch of Kale; it answers the question of green food for fall and winter. Feeding this plant by stripping off the lower leaves is not recommended as regular practice, as it is extremely laborious, especially during wet weather, puddles the soil badly and causes the stripped plants to suffer from frost.

Pkt. 10c, ¼ lb. 30c, 1 lb. 80c, 10 lbs. \$7.25, Postpaid.

Ask for
LILLY'S
CROP BOOK
FREE
with orders



**OUR
YAKIMA
STORE**

is better equipped than ever to serve you. A generous stock of all leading varieties of seeds is available for immediate supply throughout the sowing season.

Lilly's Marrow Cabbage

(Chou moellier)

White Stemmed

Marrow Cabbage is a valuable dairy and poultry food, very similar to Thousand Headed Kale, but even more prolific. The plants average four to six feet in height, with stalks five to six inches in diameter and weight fourteen to twenty pounds. The stalks are edible and relished by cows. The lower leaves are broken off and fed as they mature.

The plant is not so hardy as Thousand Headed Kale, but is most valuable for green feed in fall and early winter. The culture is the same as for Kale and Cabbage. One pound of seed will produce plants for one acre. Oz., 20c, ¼ lb., 60c. 1 lb., \$2.25, Postpaid.

Produces
Great
Weight
of Leaves

Grows the
Same
Weight
of Stem
as
Kohl Rabi

Marrow Cabbage

W. L. Dunagen, Silverton, Ore., reports
"I have raised Lilly's Puget Sound Special Tomato seed under all conditions, without one failure."

LILLY'S
1928
ANNUAL

CONTENTS
מחזורי תבואה
מחזורי פירות
מחזורי ירקות
מחזורי עשבים

LILLY'S MORCROP Fertilizer

ANALYSIS
מחזורי תבואה
מחזורי פירות
מחזורי ירקות
מחזורי עשבים

LILLY'S MORCROP Fertilizers

have stood the test of time and have made good on BERRY RANCHES, ORCHARDS, FARMS, VEGETABLE and FLOWER GARDENS, LAWNS, etc., because they are made right, being especially suited for the work they are intended to do.

They are composed of BLOOD MEAL, TANKAGE, BONE MEAL, FISH MEAL, MURIATE OF POTASH, SULPHATE OF AMMONIA, SUPERPHOSPHATE, NITRATE OF SODA and pulverized SHEEP GUANO.

THE QUALITY IS GUARANTEED BY THE CHEMISTS' CERTIFIED ANALYSIS TAG ATTACHED TO EVERY SACK.

LILLY'S MORCROP Fertilizers contain no weed seeds, are always uniform, easy and safe to use. They have no objectionable odor and contain no harmful chemical ingredients or cheap filler. **EVERY POUND IS VALUABLE PLANT FOOD.**

INCREASE THE YIELD

Keeping the land productive is just like maintaining a bank account—if you take out more than you put in, you finally have nothing left. The plant food taken from the soil by the crops produced must be replaced in the form of fertilizer or a run down field is sure to result. Your great problem is to make the most money possible out of your land in the shortest time. To do this you must fertilize.

Remember you wait just as long for a half crop of undersized, poor quality, unsalable fruits, vegetables, grains, etc., on which you lose money, as you do for a full crop of first grade, high quality readily sold products on which you make money. Fertilize and grow the latter—it pays.

You can make more money on ten acres at a high state of cultivation and fertility than you can on a hundred acres low in fertility regardless of how hard you work. Every pound of berries, fruits, grains, vegetables, dairy products, etc., taken from the land robs it of plant food. You must replace it with fertilizer or suffer the consequences.

The most important fact for the farmer to know and remember in connection with commercial fertilizer is that one ingredient cannot replace another, and to ignorance of this fact is due almost all cases of failure to get profitable returns.

IMPROVE THE QUALITY

Plants, as well as animals, require a variety of foods for their proper nourishment and growth. Ordinary soil contains plenty of these plant foods except Nitrogen, Phosphoric Acid and Potash of which it soon becomes depleted in the ordinary process of cropping.

These plant foods are not interchangeable; one ingredient cannot replace another.

LILLY'S MORCROP Fertilizers are complete fertilizers and contain the proper proportions of all the essential elements and therefore always produce satisfactory results.

"The strength of a chain is that of its weakest link." THE SUBSTANCE IN MINIMUM RULES THE CROP, which means that the plant substance present in the soil in the smallest quantity will determine the amount of crop which can be grown on that soil. For instance, if the soil should lack any one of the three essential elements (nitrogen, phosphoric acid or potash), then, no matter how much of the other two elements you applied, maximum yields could not be obtained, since this is only possible when the plants appetite for each essential element is satisfied.

You would not try to fatten a pig on water, although water is a necessary part of the diet.

When you fertilize with **LILLY'S MORCROP Fertilizers** you are **INSURING YOUR CROPS**—you are paying a small **PREMIUM** in **TIME** and **MONEY** on a **POLICY OF PROGRESS** that will **PAY YOU** season after season in **BIGGER** and **BETTER CROPS**.

PRODUCE BIG PROFITS

Are You After Profits? Get Them the Morcrop Way

M. Frutiger, Portland, writes
"I am feeding High Protein Dairy feed, and I
have never found anything so satisfactory."

LILLY'S
1923
ANNUAL

ANALYSIS
 100 LB. BAG \$1.00
 10 LB. CARTON 50c
 4 LB. CARTON 30c

Lilly's MORCROP Fertilizer

CONTENTS
 100 LB. BAG \$1.00
 10 LB. CARTON 50c
 4 LB. CARTON 30c

Lilly's 2-10-2 MORCROP (Berry and Garden Special)

By years of use berry growers and truck gardeners have proven this to be the ideal formula for their needs, composed as it is principally of organic or animal matters which improve the mechanical condition of the soil, increasing its water retaining capacity and promoting the bacterial activity necessary to transform fertilizing elements into plant food. 25 lb. bag, \$1.00; 10 lb. carton, 50c; 4 lb. carton, 30c. Large quantities at current market price.

Lilly's ORCHARD SPECIAL 6-10-4

This is a special orchard fertilizer which results in increased thriftiness of the tree thereby increasing the yield. Supplies an abundance of nitrogen which tends to set the young fruit and increases the size of the leaves (the digestive apparatus of the tree) so that the potash and phosphorus may mature and color the fruit.

Lilly's DOUBLE MORCROP 4-20-4

For those who appreciate the saving made in freight costs and time required in applying the ordinary fertilizers this concentrated formula will appeal. Made from the same high grade materials as our regular MORCROP but has double strength. Costs you considerably less to buy, too, because we save time and labor in its manufacture, which we pass on to you in reduced price.

Lilly's POTATO SPECIAL 2-10-4

To increase the size and number as well as to hasten the date of maturity of potatoes this fertilizer has been found most excellent. It gives the young plants that quick thrifty start and healthy condition so desirable in early truck crops where earliness to market means top notch prices. By its use potatoes have attained marketable size in eight to ten weeks from planting date.

HOW TO USE MORCROP FERTILIZER

The condition of the soil and the time of application govern the amount of fertilizer that should be used and control the results obtained therefrom. The amounts recommended below are only general and could be changed to suit the particular needs of climate, locality, crop and time of application. In most cases the amount used should be divided into two or more portions, applied at different seasons of the year.

FOR BERRIES—Use five hundred to one thousand pounds per acre to be drilled in around the plants or along the rows; one half in the early fall and the other half during the late winter or early spring months. Best results are obtained if this is worked well into the soil.

ON TREE FRUITS—Use four hundred to eight hundred pounds per acre in two applications under the trees directly over the feeding roots (not around the trunk). The fall application should be early enough to help set the buds which are made in the fall and the spring application just before the buds burst in the spring.

ON VEGETABLES OR TRUCK CROPS—Use six hundred to twelve hundred pounds per acre, half of this to be drilled in or broadcasted over the entire field after plowing and before planting; the balance to be drilled in along the rows or worked in around the plants.

ON CEREALS OR GRAIN CROPS—Use three hundred to six hundred pounds per acre. This should be applied broadcast when the seed is sown.

ON PASTURES AND MEADOWS—Use four hundred to eight hundred pounds per acre on new seeding when the ground is being prepared or three hundred to five hundred pounds per acre as a top dressing on old meadows and pastures.

ON LAWNS—Use one hundred pounds per thousand square feet when making new lawn and this should be worked into the top four inches of soil before seeding. When top dressing on established lawns up to one hundred pounds can be used on each two thousand square feet. Best results are obtained when used during the rainy season. If application is made during the summer months smaller quantities should be used and the ground should be watered freely to make the fertility available at once and prevent burning in spots where too much has been applied.

ON ANY CULTIVATED CROPS—At least one-half the fertilizer should be applied broadcast over the entire field to induce development of the large and extensive root system which will enable the plants to gather moisture and plant food from a much larger area during the latter part of the growing season. The balance should be applied around the hills or alongside the rows.

ON SOUR OR ACID SOIL—Apply ground lime rock at the rate of one thousand to three thousand pounds per acre during the fall or winter months to correct the acid condition and apply the MORCROP in the spring or at planting time. Lime requires an abundance of water to do its work and should always be applied during the fall or winter months.

FOR QUANTITY PRICES SEE LATEST MONTHLY SUPPLEMENT

Diagram showing Comparative Results from a Full and Partial applications of fertilizers.

A Full Application Results In

1/2 FOR MAINTENANCE | 1/2 FOR EXTRA CROP

A Medium Application Results In

2-3 FOR MAINTENANCE | 1-3 FOR EXTRA CROP

A Light Application Results In

ALL for MAINTENANCE | NO EXTRA CROP

GUARANTEE

The quality of Lilly's Morcrop Fertilizer is guaranteed by the chemists certified analysis tag attached to every sack shipped out together with a reputation of 38 years fair dealing by

The Chas. H. Lilly Co.

100 LBS.



ANALYSIS

Ammonia.....	2.00%
Phosphoric Acid.....	10.00%
Potash.....	2.00%

A PAYING INVESTMENT **Chemical Fertilizers** NOT AN EXPENSE

Chemical Fertilizers contain only the one element and are consequently NOT COMPLETE FERTILIZERS. They produce wonderful results when properly used. Some soils contain sufficient quantities of one or two of the three necessary elements and it requires only a little study to ascertain which is lacking.

NITRATE OF SODA

Analysis—Nitrogen as Ammonia 16%

A very valuable fertilizer when correctly used. It is quick in action; the effect will be noticeable within a few days and for that reason it is best used as a top dressing after the plants are up.

If applied too late in the season it is liable to cause excessive growth of tops and foliage at the expense of vegetables, fruit or grain. Its great benefit is as a stimulant to give the plants a vigorous start early in the season. It is especially valuable for forcing garden crops, such as lettuce, radishes, celery, etc., the quality of which depends upon being grown quickly. Use 150 to 200 lbs. per acre. On orchards, an application of five to eight pounds to the tree is desirable, but better results will be had by using a complete fertilizer, like **MORCROP** (Orchard Special) early in the season and about three pounds of Nitrate of Soda when the tree is in full leaf.

Packed in 225-lb. bags.

TORO BRAND SULPHUR

Experiments conducted during the past few years by noted soil chemists and practical cultivators have revealed that sulphur (1) Is readily utilized by plants as stimulating food, (2) Improves alkali soils by neutralizing the alkali, (3) Promotes nitrification by stimulating the root system, (4) Transforms latent potash and phosphates into available plant food, (5) Increases protein and feeding value of crops, (6) Improves the physical condition of the soil.

As a special treatment to prevent Potato Scab it is very effective. The number of clean (scab free) potatoes was increased from 18% on untreated rows to 84.2% on rows treated at the rate of 600 lbs. per acre. Sulphur is the best known, cheapest and most effective destroyer of fungus and bacterial growths.

Packed in 110-lb. bags.

MURIATE OF POTASH

Analysis—50% Potash K₂O

Potash Salts are especially valuable in Western Washington and the Willamette Valley, where most of the soil is very deficient in potash. It is much used by fruit growers, especially for berries, and in addition to increasing the yield, makes a marked improvement in the quality and color of the fruit. As it makes the fruit more firm it stands shipping better. An average application is about 200 lbs. per acre.

Packed in 200-lb. bags.

LIME IN SOILS

The application of lime to soils brings about beneficial results in several ways, it stimulates the proper decomposition of the organic matter in the soil; neutralizes acids; supplies growing plants with calcium; improves the physical conditions of heavy soils by its chemical action; and makes dormant plant food available.

GROUND LIME ROCK

This is the best form of lime for sweetening sour soil. It does not burn the humus in the soil, is convenient and not expensive to use. A large proportion of the land West of the Cascade Mountains is sour, and until the acid is neutralized with lime, fertilizers will be of little benefit. For ordinary cases a ton of ground lime rock per acre will be sufficient. In case of extreme acidity larger quantities will be required.

Packed in 100-lb. bags only.

HYDRATED LIME

This is ordinary burnt lime that has been exposed to the air until slaked. It is very quick in its action and should be used with caution.

Packed in 50-lb. bags.

SUPERPHOSPHATE

Analysis—Phosphoric Acid, 17%

This is what is known as acid phosphate and is commonly used where a fertilizer high in Phosphoric Acid is wanted. Especially valuable on berries and fruits as it improves the color and shipping qualities. While the phosphoric acid in this is not so valuable as that in Bone Meal it is more quickly available and in some cases more useful. Superphosphate is recommended as a top dressing for grass lands and grains. It is generally used at the rate of 300 to 600 lbs. per acre.

Packed in 125-lb. bags.

TREBLE SUPERPHOSPHATE

Analysis—Phosphoric Acid, 44%

A new product containing practically three times as much available phosphoric acid as any acid phosphate heretofore offered. Several County Agents have reported astonishing results from its use on test plots.

This product will undoubtedly become very popular since its concentrated form reduces both the transportation and application costs. Only 100 to 200 lbs. is required per acre.

Packed in 125-lb. bags.

SULPHATE OF AMMONIA

Analysis—Nitrogen as Ammonia 25%

Is gaining in favor equally fast with Truck Gardeners, Fruit Growers, and Grain and Hay Producers. It is always uniform in quality. The fine dry crystals run as freely and spread as evenly as table salt.

It is instantly absorbed by the water in the soil and is immediately effective. It should be borne in mind that Sulphate of Ammonia is not offered as a complete fertilizer but as a source of Nitrogen alone. On cultivated crops, grains and meadows, use 100 to 150 pounds per acre.

Packed in 200-lb. bags.

SULPHATE OF POTASH

Analysis—Potash, 50%

This is a highly concentrated form of potash containing more than 50% available potash. It is free from chlorides and therefore perfectly safe to use for potatoes, beets and other crops which may be damaged by them. It is in fine mechanical condition and is easily applied either with a drill or by hand.

Packed in 225-lb. bags.

LAND PLASTER, OR GYPSUM

(SULPHATE OF LIME)

Land Plaster causes a chemical change in the soil, releasing plant food which is already there in an unavailable form, and is very beneficial to clover, alfalfa, peas, beans, and other legumes because of the sulphate it contains. It is sown broadcast at the rate of one hundred to five hundred pounds per acre.

Land Plaster should be used in manure pits and in every stable or barn where livestock is kept. Used in the stable gutters (at the rate of two pounds per day for each grown horse or cow) it will absorb and hold the liquid excretions of the animals and prevent the nitrogen in the manure from escaping into the air. Its general use by farmers and stockmen of the Northwest would save thousands of dollars worth of plant food annually.

Packed in 100-lb. bags only.

PRICES SUBJECT TO CHANGE. SEE LATEST MONTHLY SUPPLEMENT.

F. B. Jacques, Salinas, Calif., states

"Each succeeding season that I plant Lilly's seeds the better satisfied I am with the results obtained."

LILLY'S
1923
ANNUAL

INCREASE
PROFITS

Animal Fertilizers

ALWAYS
RELIABLE

Animal Fertilizers add warmth and life to the soil. Most of them contain both NITROGEN and PHOSPHORIC ACID but do not contain potash, so that to make them COMPLETE FERTILIZERS it is necessary to add chemical potash in some form in the quantity needed to get the desired proportion.

LILLY'S BLOOD MEAL

Analysis—Nitrogen as Ammonia 14%.

A very effective and quick acting form of nitrogen, generally used as a top dressing. Like Nitrate of Soda, it must be used with care, and is best used in several light applications, but when properly used it is a very valuable fertilizer. It is a pure slaughterhouse blood, dried and finely ground. 200 to 400 lbs. per acre. Packed in 100-lb. bags only.

LILLY'S SHEEP GUANO

Nitrogen, as Ammonia, 2%; Phosphoric Acid, 1%; Potash, 2%.

Pure sheep manure is the strongest animal fertilizer. It contains a relatively high percentage of nitrogen, phosphoric acid, and potash. To retain this high value, it must be properly handled, or the value will be lost. LILLY'S is kiln dried and finely pulverized, making it very concentrated and convenient to use. Packed in odd weight bags.

LILLY'S FISH FERTILIZER

Nitrogen, as Ammonia, 10%; Phosphoric Acid, 6%.

Made from fish scraps, and will produce wonderful results on any crop where an abundance of surface growth is desired. It is splendid for lawns, though the odor is somewhat objectionable. Usually applied at the rate of 400 to 800 lbs. per acre. In 100-lb. bags only.

LILLY'S WHALE MEAT AND BONE

Nitrogen, as Ammonia, 8%; Phosphoric Acid, 11%.

A specially prepared fish fertilizer made from the carcass of the whale. It is entirely free from oil and is always uniform. It is especially high in Phosphoric Acid and is a valuable garden and berry fertilizer. 500 to 1,000 lbs. per acre. Packed in 100-lb. bags.

LILLY'S BONE MEAL

Analysis—Nitrogen as Ammonia, 3%; Phosphoric Acid, 18%.

A splendid fertilizer and for many purposes is the best and cheapest form of nitrogen and phosphoric acid. It forms the base of all the best mixed fertilizers. It is slow in action and there is no waste, as the plant food is released only as fast as it can be taken up by the roots of the plants. It may be used in almost unlimited quantities without danger of burning the plants, neither is there any loss from leaching, and an ideal lawn or rosebed is made by mixing large quantities of bone meal with the soil. It is used extensively in greenhouses, hotbeds, nurseries and by fruit and berry growers, truck gardeners and farmers.

Bone Meal will remain in the soil as a plant food for several years, the time depending somewhat on the fineness of the product and also on the condition of the soil. It is especially valuable in making lawns and golf greens where, after the first year, it is possible only to apply fertilizer on the surface. To obtain the best results, Bone Meal should be plowed or spaded in to a depth of about twelve inches. This will have a tendency to cause the plants to root deeply, and it will therefore not be as readily affected by frost or dry weather.

The results of Bone Meal will not be very apparent the first year, but will provide plant food for several years after an application. 800 lbs. to a ton per acre.

Packed in 10-lb. cartons and 100-lb. bags.

LILLY'S BLOOD AND BONE

Analysis—Nitrogen as Ammonia, 4%; Phosphoric Acid 10%.

A quick fertilizer and for that reason more valuable than bone meal for some purposes, although the effect is not so lasting. It should not be applied a great length of time before the seed is planted, and is most useful as a top dressing. It is usually applied at the rate of 500 to 1,000 lbs. per acre.

Packed in 100-lb. bags only.

LILLY'S TANKAGE

Nitrogen, as Ammonia, 6%; Phosphoric Acid, 6%.

Tankage is a mixture of dried blood, meat and bone. The value of it as a fertilizer depends on the proportionate amount of each in the mixture.

Much slaughterhouse refuse is sold as tankage that has very little value as fertilizer. Always consult the tag on the sack which gives an analysis of its fertilizing value.

Gardeners have used tankage in quantities for a long time because it is readily available and acts quickly. 600 to 1,200 lbs. per acre.

Packed in 100-lb. sacks only.

FOR PRICES SEE LATEST MONTHLY SUPPLEMENT

(Subject to change)

If you can use a large quantity of any kind of fertilizer write us for special quantity prices. It pays.

LILLY'S

BONE MEAL

ANALYSIS

Nitrogen.....3%
Phosphoric Acid.....18%

*Your Safeguard of Fertilizer Value
is the Chemists Tag on each Lilly Bag*

LILLY'S
1923

ANNUAL

Carl Nelson, Everett, writes

"I use Holly Chick Feed and it is excelled by none."

Farmogerm, Stim-u-plant, Maggotbate

SEED INOCULATION

The inoculation of legume seeds is only certain to be successful (1) When the seed bed has been properly prepared; (2) When the soil is sweet; (3) When you use good seeds; (4) When the inoculant is fresh and vigorous.

The first three conditions must be brought about by the grower; the last one can be guaranteed by using Farmogerm. As inoculation with Farmogerm produces better crops under normal conditions, in the same manner it helps them in their struggle for life when low temperature, drouth or incessant rainfall operate against them.

FARMOGERM

New Reduced Prices

ONE ACRE SIZE.....	\$1.00
THREE ACRE SIZE.....	2.50
TWELVE ACRE SIZE.....	9.00
GARDEN SIZE (for No. 5 only)....	.50

Is easily applied to seed just before using. Full directions with each bottle.

The 1-acre size, for example, will thoroughly inoculate: Clover, 20 lbs.; Alfalfa, 25 lbs.; Canada Field Peas, 100 lbs.; Vetch, 60 lbs.

There is prepared a distinct culture for each crop, the composition and allcrop cultures having been discontinued, except in No. 5. You can help us avoid errors in filling your order if you will specify by number as well as by name when ordering.

No. 1 Alfalfa.	No. 5 Garden Beans,	No. 7 White Clover.
No. 2 Sweet Clover.	Garden Peas and	No. 8 Vetch.
No. 3 Red Clover	Sweet Peas.	No. 9 Field Peas.
No. 4 Mammoth Clover	No. 6 Alsike Clover.	

STIM-O-PLANT

PLANT STIMULANT TABLET

Trade Mark Registered U. S. Patent Office.

The tablets should be used in Window Boxes, Potted House Plants, Flower Beds and Borders, for Vegetables, Evergreens, Peonies, Iris, Dahlias, Gladioli, etc., are greatly benefited. Use them in beds of Tulips, Hyacinths, and other things set out in Autumn. Good also for cold frames, hot beds and greenhouse benches.

TRY THIS EASY WAY: Simply insert little tablets in the soil at the base of plants. Each tablet contains highly concentrated, immediately available plant food. They increase production, heighten color and improve quality. Their use is highly profitable.

A liquid fertilizer can also be made with them that produces results equal or superior to liquid manure.

Price: 10 Tablets **15c**, 30 Tablets **25c**, 100 Tablets, **75c**, 1000 Tablets **\$3.50**.

LILLY'S Maggotbate



For Use on Cabbage, Onion, Radish, Turnip and All Root Crops
Subject to the Ravages of Root Maggots

ROOT MAGGOTS ARE EASY TO CONTROL

in the adult or fly stage by the timely application of LILLY'S MAGGOTBATE, which, through its offensive odor, positively prevents the fly from laying eggs on plants around which it has been sprinkled. Use it early in the season and repeat the application every two or three weeks to keep the odor always fresh in your garden.

Only a little is required. It should not be put on the plants. LILLY'S MAGGOTBATE is intended to be used for Root Maggots only and must be used before the eggs are laid. Put up in two sizes.

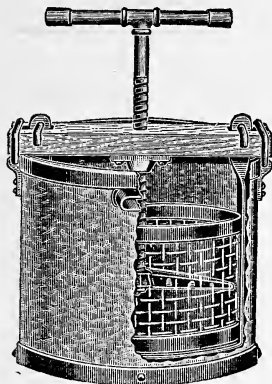
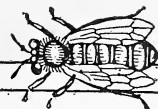
2-lb. Cartons postpaid, each, **25c** 25-lb. Bags, each, **\$2.25**

E. A. McColley, Sumner, says
"I have been feeding Lilly's Egg Mash to my chickens, and the results are much better than I received from other brands of feed."

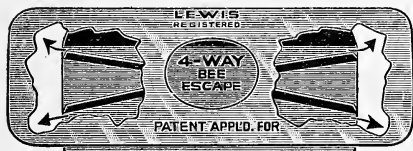
LILLY'S
1923
ANNUAL



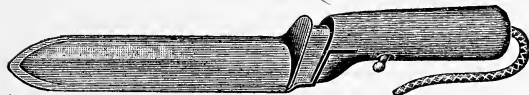
Lewis Beeware



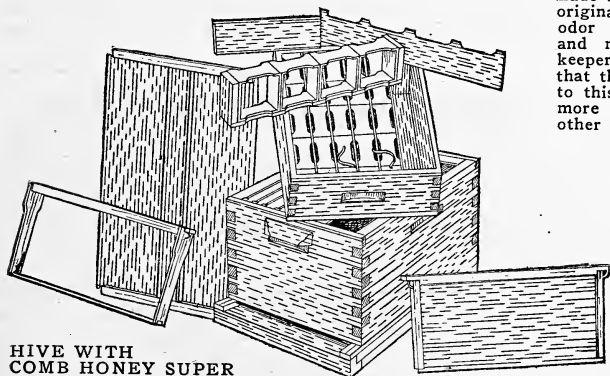
NEW LEWIS WAX PRESS
FOR THE SMALL BEE-
KEEPER



NEW LEWIS FOUR-WAY ESCAPE
EMPTIES THE SUPERS FASTER



NEW LEWIS ELECTRIC UNCAPPING KNIFE
A BEAR FOR SPEED



HIVE WITH
COMB HONEY SUPER

For 50 years Lewis "Beeware" (Registered Trademark) has stood for beekeepers' supplies of so fine a grade of workmanship and quality that the largest beekeepers' associations in the world use these goods exclusively. Backed by LILLY'S Service, they are fully guaranteed and worth your patronage.

To fully illustrate and describe the complete line would take too much room from the other subjects in this catalog, so we issue a

SPECIAL BEE SUPPLY CATALOG

which we are glad to send free to any beekeeper or interested person.

This special Bee Supply Catalog is a complete beekeepers' guide and should be in the hands of every beekeeper. Every article is illustrated, described and priced. Write for your copy today, get full information about the New Beeware Items.

DADANT'S WIRED FOUNDATION

FOUNDATION with wires built in the wax, ready to use. Long needed, now a reality. An addition to beekeeping equipment that removes many of the defects produced by the old style foundation with longitudinal wires.

It makes perfect comb, no sagging, no buckling, a minimum of drone cells, no extracting damage.

Dadant's Wired Foundation is not an experiment. It has been tested and proved for several years in hundreds of colonies. Send for sample.

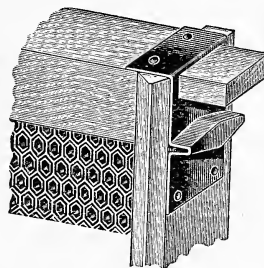
We are also headquarters for Dadant's Regular Brood and Comb Foundations made only of pure beeswax, purified without acids.

Every effort is made to retain the original "honey" odor in the wax and many beekeepers report that the bees take to this foundation more readily than other makes.



LEWIS TRADEMARK
YOUR GUARANTEE

Send us a list now of
supplies you will need
for price quotation.



NEW METAL FRAME
SHOULDER, NO MORE
BROKEN TOP BARS



*Everlasting Strength
Instant Assembly*



NEW DADANT'S WIRED FOUNDATION
INSURES PERFECT COMBS



LILLY'S Dairy Feeds



Proven The Best By Every Test

When you buy Dairy Feed you naturally want some assurance that the goods you are buying contain actual food value, at least in proportion to the price you have to pay for it.

You also want to be satisfied that nothing harmful or worthless as feed has been included in the mixture.


EVERY SACK OF LILLY'S DAIRY FEED IS GUARANTEED TO BE THE BEST THAT CAN POSSIBLY BE PRODUCED BY THE COMBINATION OF GOOD MATERIALS AND CAREFUL PREPARATION.

It has taken us years to build up our business and our products to their present high standard and in order to keep forging up the ladder of continued success we insist that EVERY SACK OF LILLY'S DAIRY FEED MUST MAKE GOOD VIA THE MILK PAIL ROUTE.

Our aim is safeguarded for you by the certified chemists' analysis of every lot we mix. This analysis together with a true statement of the contents is printed on the tag attached to every Lilly bag.

LOOK FOR THE TAG. EXAMINE IT CLOSELY. Be sure it bears the trademark LILLY'S then you can rest assured that you have the best on the market.

The leading brands now manufactured by us are LILLY'S HIGH PROTEIN DAIRY FEED, packed in 100-lb. bags; LILLY'S BUTTERFAT FEED, and LILLY'S GOLDEN DAIRY FEED, packed in 80-lb. bags. The first one is very rich in protein and should be mixed with home-ground oats or mill feeds. The last two can be fed without the addition of other feeds. Send for Tag showing ingredients and analysis.



**HIGH PROTEIN
DAIRY FEED**

INGREDIENTS

Soy Bean Meal, Cotton Seed Meal,
Corn Meal, Oil Cake Meal, Copra
Meal, Bran, Shorts, Middlings,
Oat Bi-Products, Wheat Bi-Products, Salt $\frac{1}{2}$ of 1 per cent.

ANALYSIS:

Moisture.....	10%
Protein (at least).....	17%
Fat (at least).....	4%
Fiber (not over).....	8%



"STERILIZED" DAIRY BONE MEAL

Bone Meal of good quality has been fed for years to Dairy Stock by the best Dairymen of the Old World. Veterinarians prescribe it for cows in rundown or weakened condition and recommend that it be fed to growing stock and cows milking heavily. We have an especially fine grade of Bone Meal for this purpose.

100-lb. sacks



ALFALFA MEAL

Lilly's Alfalfa Meal is prepared especially for us from the best grade of Alfalfa kiln dried and ground to a coarse meal. It is very high in protein, about the same as mill feed, and may be fed alone or mixed with other foods, either dry or moistened with water or steamed.

100-lb. sacks.



ALL GRAIN CHOP FEED

The best oats, barley and corn go into our chop—we know it does not pay to economize by feeding poor chop.

80-lb. sacks.



WHOLE FEED BARLEY

Good Barley is recognized among feeders as equal to corn for the feeding of all kinds of live stock.

100-lb. sacks.



ROLLED BARLEY

Good, clean, plump barley, rolled to help mastication and make it more easily assimilated by the animals.

80-lb. sacks.



GROUND BARLEY

Is high in milk producing elements, and is especially beneficial to cows fed heavily on roots or silage since it counteracts their laxative influence. Considered equal to corn for hog feeding. Being a heavy feed, it is best mixed with other less concentrated feeds.

100-lb. sacks.



CORN FEED MEAL

Corn Meal is a heavy rich feed, and should always be mixed with other less concentrated feed. It is a more economical fattening feed than whole corn, and is relished by live stock and poultry.

100-lb. sacks.



WHOLE FEED OATS

Whole Oats show a higher percentage of digestible protein than corn, and is usually preferred as horse feed.

100-lb. sacks.



ROLLED FEED OATS

Is a better feed than whole oats for hogs and dairy cows. We roll only good plump oats.

70-lb. sacks.



GROUND OATS

Has a very high value as a milk-producing feed, and ten per cent greater fattening qualities than mill feed. It is better than whole oats for hogs and cows, and is best mixed with other feeds.

80-lb. sacks.



STEAM DRIED BEET PULP

Beet pulp has become a staple food for stock and poultry. It is a great producer of milk and eggs, when judiciously fed in connection with other foods. It has a particular value in the fact that it may be quickly converted into a moist green food by simply soaking it. It has great digestive values, and feeders claim it will condition animals splendidly, especially when green food is not obtainable. It is best fed moist.

100-lb. sacks.

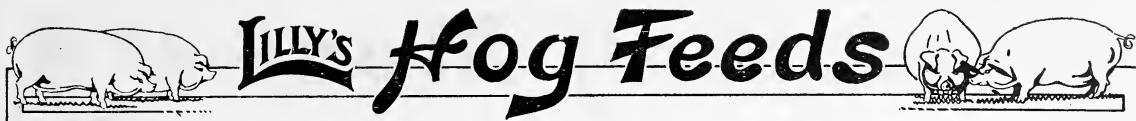
PRICES SUBJECT TO CHANGE

Consult Our Latest Monthly
Catalog Supplement
Or See Your Dealer

Richard Bach, Chitina, Alaska, writes
"You can recommend Lilly's Copenhagen Market
Cabbage to any homesteader here."



1923
ANNUAL



LILLY'S MAKEMFAT HOG FEED

Makes Big Hogs of Little Pigs—Protein at least 15%

Makemfat is a high protein feed containing also an abundance of mineral nutrients. Tests have proven it superior to straight grains which are low in fat and do not offer the variety which hogs crave.

It is palatable, wholesome and nutritious and has the proper laxativeness which is essential and prevents the troubles usually resulting when wheat, corn or barley are fed alone.

It is a great developing and fattening food, producing large frames, firm flesh and strong muscles. It increases the pig's appetite, aids digestion and prevents waste of feed because it keeps the system well regulated. Well-balanced proportions of Digester Tankage, Oil Meal and Cereal Products are contained in its makeup and many of our largest hog raisers use it continuously which proves that it is really a wonderful feed.

You don't have to depend upon our claims, just inspect the certified chemists' analysis tag attached to each bag which shows the contents and gives the analysis of its food value. Like all other Lilly Products it is sold on the guarantee that gives you your money back if you are not satisfied.

Packed in 100-lb. bags.

LILLY'S GUARANTEE LILLY'S
THE PURCHASE PRICE OF ANY
LILLY PRODUCT FOUND TO BE
UNSATISFACTORY OR MISREPRESENTED
IN THIS CATALOG
WILL BE PROMPTLY REFUNDED
BY THE CHAS. H. LILLY CO.
OR ITS DEALERS **LILLY'S**

LILLY'S PIG MEAL

Makes Weanlings Thrifty—Protein at least 27%

It is prepared to produce rapid growth and development of bone and muscle and quickly builds up a large frame.

This appetizing, cooked, milk substitute should be fed regularly to young pigs in the quantity they will eat greedily so as to keep them in good health and rapid growth.

No set-back is experienced at weaning time if Lilly's Pig Meal has been fed from the time the young pigs first become active. Each pound has the feeding value of one gallon of fresh milk. Feeding directions in each bag.

Packed in 25-lb. and 100-lb. bags.

LILLY'S LAMB MEAL

Saves the Orphans—Protein at least 25%

A cooked and finely ground meal which when mixed with water according to the directions in each sack makes one gallon of perfect milk substitute per pound. The use of Lilly's Lamb Meal is in every way similar to that of Calf Meal.

The quantities fed and the number of meals per day vary according to whether the lambs are to be raised entirely by hand or whether it is used only as an auxiliary feed.

The high quality of Lilly's Lamb Meal is safeguarded by the chemists' analysis tag that you will find on the bag. We guarantee it to do just as represented. Packed in 25-lb. bags.

LILLY'S DIGESTER TANKAGE

Protein, 50%

Digester Tankage is very high in concentrates, and it takes but a very small amount to balance a ration up to the proper protein content. It is used to a great advantage at practically every age of the pig. If fed before and after the farrowing, it will help the sow to produce a large milk flow and will keep her in good condition.

Packed in 100-lb. sacks.

LILLY'S COTTONSEED MEAL

Protein, 36%

While Cottonseed Meal is a by-product of the great cotton industry it is nevertheless one of our best sources of protein. Its combined protein and fat content is five times that of corn which is one of our most staple feeds. It is too rich to be fed alone but when mixed with other less concentrated foods is a valuable addition to any hog or cattle ration. Packed in 100-lb. sacks.

LILLY'S COCOANUT MEAL

Protein, 19%

Used extensively by dairymen along the Pacific Coast. It may be used with advantage for swine and sheep, serving also as a part of the work horse ration.

Packed in 100-lb. sacks.

LILLY'S SOY BEAN MEAL

Protein, 43%

Soy Bean Meal averages forty per cent protein, and should be a part of every ration fed to all live stock, on every farm in this section, for nothing we can offer will show a higher food value in proportion to its cost. It comes to us in the form of large cakes which we grind and grade into all sizes, from large nubbins for sheep feeding to a fine meal for mixing in mash. Sheep and poultry men should write us for prices on large quantities.

Packed in 100-lb. sacks.

LILLY'S OIL CAKE MEAL

Protein 32%

Oil Cake Meal is another highly concentrated food, and is a valuable adjunct to any farm ration for cattle, horses, sheep and poultry. It should be fed with discretion, for it is easy to overfeed any food that is high in protein. It makes a sleek coat and is slightly laxative. It should be mixed with other foods. Packed in 100-lb. sacks.

LILLY'S GROUND FLAX SEED

Flax seed has been a favorite conditioner among horse and cattle men from time immemorial, and is without question one of the safest. Lilly's is pure flax seed ground without removing the oil. The amount to be used will vary according to the size of the animal, but generally four to eight ounces two or three times a week will keep the animal in excellent shape.

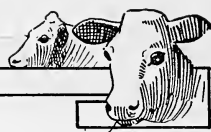
Packed in 100-lb. sacks.

PRICES SUBJECT TO CHANGE
Consult Our Latest Monthly Catalog Supplement
or See Your Dealer

W. R. Smith writes us from Wonsan, Korea,
"We have now used your seeds for several years here in Korea and they have always given us good satisfaction."

**LILLY'S**

Calf Meal



CHEAPER AND BETTER THAN MILK

No modern dairyman would go back to the old antiquated method of raising calves on whole milk because the modern way is so much better, cheaper and satisfactory.

IT PAYS TO RAISE CALVES THE UP-TO-DATE **LILLY'S** CALF MEAL WAY

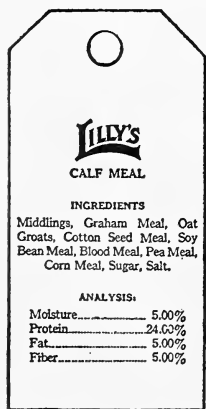
This fact is proven on hundreds of large modern dairy farms where you will find it being fed daily and is further borne out by the fact that **MANY** of our present **RECORD-MAKING MILK** and **BUTTERFAT-PRODUCING COWS** in Washington-Oregon were **RAISED ON IT.**

WHAT further proof could one require than to be shown that over a period over ten years the number of **SATISFIED USERS** have been **DAILY INCREASING** and each year we have to make more and more Calf Meal to supply the demand.

WE GUARANTEE **LILLY'S** CALF MEAL TO BE THE BEST

milk substitute on the market. Each pound will make one gallon of perfect milk substitute equal in feeding value to whole milk and much less expensive. Its absolute uniformity makes it dependable at all times so that it actually pays to raise calves even in the face of high milk prices.

LILLY'S CALF MEAL IS MADE FROM THE BEST MATERIALS, correctly blended, thoroughly cooked and ground so fine as to stay in suspension in the water. It does not settle to the bottom of the pail in a sticky slimy mass that even hungry calves will pass up like other calf meals, **AND HAS THE SAME FOOD VALUE AS WHOLE MILK** containing from 25 to 30% protein and 45 to 50% carbohydrates.



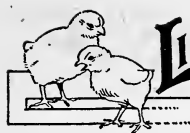
The Chemists analysis tag attached to every bag we ship out tells the truth about the contents, showing first all of the ingredients used in its manufacture and second telling in percentage its actual food value content.

BE SURE WHEN YOU BUY CALF MEAL THAT AN ANALYSIS TAG is attached to the bag and that the tag has on it this **LILLY'S**

trademark for that is your guarantee that you are getting the best calf meal you can buy any place regardless of price. Detailed feeding directions are packed in every sack. For sale by all good dealers and shipped out by us direct to all parts of the Northwest. Packed in 25 and 100-lb. bags. For price see current monthly supplement.

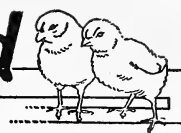
L. B. Murray, Fall City, Oregon, writes
 "In the last thirty years I have bought seeds of a dozen different houses, but have quit them all for Lilly's seeds."

LILLY'S
 1923
 ANNUAL



LILLY'S Life Insurance Feed

"CHICK STARTER"



COOKED — TESTED — GUARANTEED

This feed was used by hundreds of successful poultrymen again last season and THOUSANDS MORE WILL USE IT IN 1923. It starts the day-old chicks off with VIM, VIGOR and VITALITY, reduces chick mortality because it heads off deadly bowel and intestinal troubles.

IT TAKES THE GAMBLE OUT OF THE BUSINESS OF raising Baby Chicks for WE GUARANTEE IT TO BE THE BEST CHICK STARTING FOOD ON THE MARKET regardless of the claims of our far-distant competitors. IT REDUCES THE MORTALITY TO THE MINIMUM because it is made up right. Contains BUTTERMILK, is thoroughly COOKED and is GRANULAR in form which makes feeding easy. The raw materials are specially selected by experts; they are tested by licensed chemists; they are thoroughly ground, cooked and mixed by conscientious workmen and are therefore bound to give most desirable results.



Our claims for superiority of this great feed are borne out daily by reports from satisfied users. C. H. Bryan, R. 8, Seattle, writes:

"The mortality with the chicks fed on Lilly's Life Insurance Chick Starter was only 5% against 20% in the pens fed other feeds."

Fish Bros., R. 2, Seattle, say: We used several sacks last season, the chicks made steady every-day growth with a very small percentage of loss. We recommend it to our customers.

R. D. Cox, Route 4, Bellingham, writes: There was no sign of bowel trouble and I did not lose a single chick out of three hundred.

IT IS the proven LIFE SAVER at the most CRITICAL PERIOD of a CHICK'S LIFE. The crude fiber content of this feed is less than 4% which is the percentage recommended by practical poultrymen and experiment

stations. This chemists' analysis tag tells the truth about its food value.

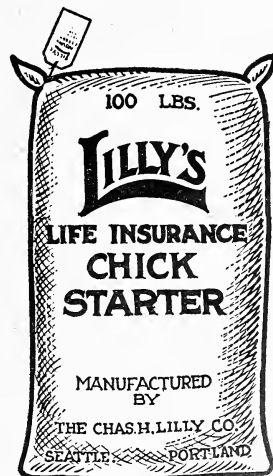
LILLY'S "LIFE INSURANCE" FEED

For Baby Chicks

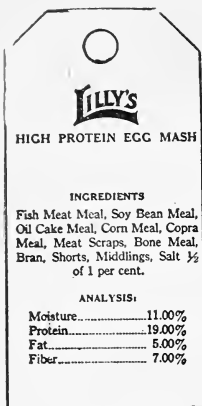
Is not only superior in all its feeding qualities but it is right in price. The cost is very low amounting to less than one-half cent per chick for the first three weeks' feeding.

Each extra pullet saved by this feed and worth \$1.50 will, therefore, pay for the Life Insurance Feed eaten by 200 chicks during a three-week period. Surely this is a profitable investment.

Put up in cartons and 25 and 100-lb. bags. For price consult our latest catalog supplement, issued monthly.



Wm. A. Clark, Hoquiam, writes
"We use Lilly's insect powder and find it the very best of any, especially for killing lice."



Lilly's Poultry Mash



Much scientific and careful practical study has been expended on Poultry Feeds and Feeding Methods in the past decade. This applies more generally to mashes or mixed foods.



were among the first on the Pacific Coast to work along these lines and have always been first to market the better ideas.

HIGH PROTEIN EGG MASH, FATTENING MASH, MOULTING MASH, COOKED CHICK MASH (Life Insurance Feed) and many others came from the House of Lilly's. Naturally we have many competitors who soon try to imitate our highly successful formulas but we glory in the fact that imitation is the positive recognition of worth and is the highest type of flattery.

We intend to continue to lead the line of march toward progress by telling the truth about the contents and food value of every bag of Poultry Food we manufacture.

THE LITTLE TAG ON EACH LILLY BAG INSURES YOUR SATISFACTION

← THIS TAG

LILLY'S CHICK MASH

Protein, 14%; Fat, 4%; Fiber (not over) 7%, carefully prepared from suitable, wholesome grains and animal matters for the requirements of young chicks. Keeps the birds growing, healthy and active and can be fed either dry or as a moist mash if preferred.

Packed in 10-lb., 25-lb. and 100-lb. bags.

LILLY'S BUTTERMILK CHICK MASH

Protein, 14%; Fat, 4%; Fiber (not over) 7%. You should feed Buttermilk. For your convenience we have prepared a Dry Buttermilk Mash.

Packed in 10-lb., 25-lb. and 100-lb. bags.

LILLY'S GROWING MASH

Protein, 16%; Fat, 4%; Fiber (not over) 7%. As the birds grow and develop feathers, bone and muscle they need a higher protein feed and our Growing Mash sure fills the bill. Keep it continually before them dry, and feed it occasionally moist.

Packed in 10-lb., 25-lb. and 100-lb. bags.

LILLY'S FATTENING MASH

Protein, 4%; Fat, 15%; Fiber (not over) 7%. A low protein food (protein does not fatten) that has maximum fattening properties. Keeps the birds in perfect health while producing the greatest amount of flesh in the shortest possible time. Fattens fastest if fed moist.

Packed in 100-lb. bags only.

LILLY'S FISH MEAL

Protein, 50%; Fat, 6%; Fiber (not over) 6%. An economical and highly satisfactory source of animal protein, prepared especially for poultry food.

Packed in cartons and 100-lb. bags.

LILLY'S FISH FLAKES

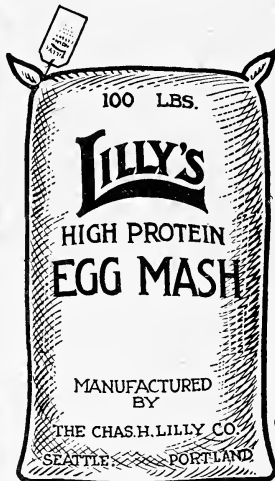
Protein, 65%; Fat, 15%; Bone Phosphate, 10%.

Lilly's Fish Flakes are higher in protein than any other egg food on the market, they are appetizing, palatable and wholesome, being made from selected fresh whole fish suitable for human consumption if desired.

They are cooked and prepared within 24 hours after the fish are taken from the water. Always uniform, always made from the same kind of fresh whole fish prepared under very high temperature insuring complete sterilization and are consequently free from objectionable odors.

In their preparation all the Fish Glue (stick) and other impurities are removed leaving only the sweat, clean, digestible, high protein food.

Packed in cartons and 100-lb. bags.



ON THIS BAG

LILLY'S HIGH PROTEIN EGG MASH

Protein, 19%; Fat, 5%; Fiber (not over) 7%. Easily the best Egg Mash on the market. Made from sweet, fresh, wholesome, clean, ground grains, meals and animal matter. With this mash it is possible to force the maximum egg production over long periods.

Packed in 10-lb., 25-lb. and 100-lb. bags.

LILLY'S BUTTERMILK EGG MASH

Protein, 19%; Fat, 5%; Fiber (not over) 7%.

It helps produce lots of eggs because it keeps the birds healthy. No fuss, no muss, always uniform.

Packed in 10-lb., 25-lb. and 100-lb. bags.

LILLY'S GOLDEN EGG MASH

Protein, 16%; Fat, 4%; Fiber, 10%. Many poultrymen do not care to feed all the protein in their mash and it is for these that this mash has been prepared. Also fine for breeders and birds that are not forced heavily.

Packed in 100-lb. bags only.

LILLY'S MOULTING MASH

Protein, 25%; Fat, 7½%; Fiber (not over) 6%. It takes protein to grow feathers so to hasten birds through the moult you must supply it. 25% of this great feather builder is protein, yet the fiber content is less than 6%. It shortens the moult by one-half.

Packed in 100-lb. bags only.

LILLY'S ARGENTINE MEAT SCRAPS

Protein, 50%; Fat, 5%; Fiber (not over) 2%.

A very fine product imported by us from South America, especially low in fiber. Try it.

Packed in 100-lb. bags only.

LILLY'S GUARANTEE LILLY'S
THE PURCHASE PRICE OF ANY
LILLY PRODUCT FOUND TO BE
UNSATISFACTORY OR MISREPRESENTED
IN THIS CATALOG
WILL BE PROMPTLY REFUNDED
BY THE CHAS. H. LILLY CO. LILLY'S
OR ITS DEALERS

INSURES SATISFACTION

Mrs. Rose Huson, Burien City, says
"I used your seeds last year and again this Spring. They are the finest seeds I ever used."

LILLY'S
1923
ANNUAL

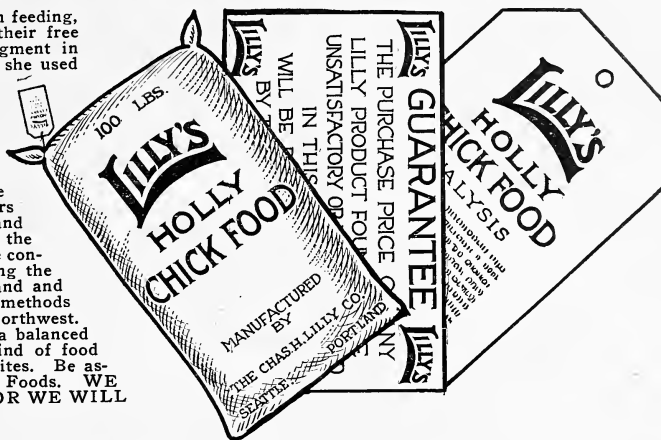


Lilly's Poultry Foods

Successful poultry keeping depends a good deal on feeding, therefore do not let your birds feed according to their free will and fancy, but insist on using your own judgment in the matter. Under her own guidance, that is when she used her own judgment in food selection, the hen originally laid each year one to two clutches of eggs, usually fifteen to eighteen eggs per clutch. Now under man's management, care and supervision, when the proper amount and kind of food is given her we have hundreds of hens in the "300 eggs per year" class.

This proves to us what can be done when science and practice are combined for one great good. Years of study have been devoted to the matter of feeding and food selection until we now feel safe in saying that the secrets of feeding and management are fully under the control of man. Don't make a step backward by letting the chickens rustle for themselves but take them in hand and profit by feeding them according to the scientific methods successfully followed by poultrymen all over the Northwest.

Start them off right, keep them going right, feed a balanced ration always. When full grown give them the kind of food that will produce an equal amount of yolks and whites. Be assured of success by feeding Lilly's Mixed Poultry Foods. WE GUARANTEE LILLY'S FEEDS TO SATISFY, OR WE WILL REFUND YOUR MONEY.



Lilly's HOLLY CHICK FOOD Results Prove Its Value

A special selection of good sound well-ripened grains go into this mixture. They are cracked and graded to the proper size and contain the correct elements in the proper proportion for the rapid building of bone, muscle, blood and feathers. The basis of this great feed is cracked wheat, not corn which is too heating and fattening for chicks, nor millet which contains too much fiber which is indigestible especially for a baby chick. DON'T GAMBLE WHEN YOU BUY FEED FOR YOUR BABY CHICKS, REMEMBER THEY ARE BABIES AND MUST BE FED ACCORDINGLY.

Packed in 10-lb., 25-lb. and 100-lb. bags, and is sold by all good feed dealers.

Lilly's GROWING FOOD Keeps Growing Birds Active

A properly blended mixture of whole and cracked grains for rapid development of young poultry. The change from Lilly's Holly Chick Food to Lilly's Growing Food should be made as soon as the birds are large enough to "scratch" for the grain part of their ration. Lilly's Growing Food should always be fed in clean litter so as to induce exercise which is a great factor in the development of the birds. If kept active by exercise they are always in the best of health and are able to eat just a little bit more each day and thus soon develop into paying pullets. Much care is used in selecting the grains used in Lilly's Growing Food. The chicks must be kept growing rapidly, they should have just the right amount of protein and as little fiber as possible while the carbohydrate content should be close to 50%. Eventually you will feed Lilly's right down the line. Why not start now?

Packed in 10-lb., 25-lb. and 100-lb. bags.

Lilly's SCRATCH FOOD The Original Standard

The term "Scratch Food" as applied to poultry feeds was originated by Lilly's, and our Scratch Food is composed of clean, whole grain properly proportioned to supply the necessary protein, carbohydrates and fat according to season. In summer when the weather is warm, we cut down on the corn and other heat and fat producing grains. In winter we increase these amounts. Strict attention is paid to the number of yolks and whites a ton of Lilly's Scratch Food will produce and it is always made so as to form a perfect complete balanced ration when fed in conjunction with Lilly's Egg Mash.

Back of all our feeds stands our guarantee which says: Your money back if YOU are not entirely satisfied.

Packed in 10-lb. and 100-lb. bags.

Lilly's HOLLY PIGEON FOOD

An all-grain mixture especially suited for pigeons. The principal ingredients are Red Hard Wheat—Milo Maize—Peas—Millet, Buckwheat and Hempseed, etc., which insures the variety of diet so necessary for health and success.

Packed in 25-lb. and 100-lb. bags.

Lilly's CLIPPED BARLEY

Recleaned whole barley with the beards closely clipped for poultry feeding.

Packed in 110-lb. sacks only.

Lilly's FEED WHEAT

Contains only bright, well ripened grain.

Packed in 125-lb. sacks only.

Lilly's SPROUTING OATS

A special grade of short, plump, high germinating oats with thin hulls especially selected for sprouting and poultry feeding.

Packed in 100-lb. sacks only.

Lilly's WHOLE CORN

Recleaned whole Eastern corn, free from cobs and dirt.

Packed in 110-lb. sacks only.

Lilly's CRACKED CORN

Crushed, yellow, Eastern corn with all the fine particles cleaned out.

Packed in 100-lb. sacks only.

W. Scott Thomas, Berkeley, Calif., reports
"I sowed a small package of Lilly's Mastodon Carrot seed last spring and pulled three whose combined weight was 25 pounds."

Grit, Shell, Bone, Charcoal & Buttermilk

GRIT

Grit takes the place of a hen's teeth, and is necessary to properly digest their food. Fowls running at large usually pick up enough gravel and other gritty substances to answer purpose, but if confined you must supply them with grit if you want them to get the most out of their feed.

LILLY'S CRYSTAL GRIT

Crushed Granite Rock

Being sharp, hard and flinty is much better than gravel or sand, being inlaid with mica it remains sharp until entirely worn out. Free from dust and uniform in size. We make two sizes, FINE for young chicks and MEDIUM for matured birds.

Packed in 10-lb. and 100-lb. bags.

LILLY'S LIMESTONE GRIT

Aids Mastication—Makes Shells

Many poultrymen prefer limestone grit, claiming that in addition to its being an aid to mastication, it also furnishes lime for making bone and shells. Made in two sizes like Lilly's Crystal Grit, it is uniform in size and free from dust.

Packed in 100-lb. bags.

BONE

Bone is not only a great producer of eggs, but also makes bone, muscle and feather furnishing phosphates, lime, protein and fats. It is recommended as one of the best feeds to help rapid, sturdy growth in young birds. Dry granulated bone overcomes all danger of poisoning the fowls which often happens when green bone, that is not strictly fresh, is fed.

LILLY'S GRANULATED BONE

Builds Bone, Muscle and Feathers

Made from clean slaughter-house bone steam-cured (insuring complete sterilization), crushed and graded to the proper size. Keeps indefinitely if kept dry. Made in two sizes, FINE for young chicks and MEDIUM for matured birds.

Packed in 10-lb., 25-lb., and 100-lb. bags.

OYSTER SHELL

The U. S. Department of Agriculture says, "KEEP OYSTER SHELLS BEFORE THE HENS ALL THE TIME. THE SUBSTANCE IS INEXPENSIVE BUT QUITE A NECESSARY PART OF THE RATION." Baby chicks, growing chickens and other fowls develop early into sturdy, healthy, productive stock when given Oyster Shell because the lime helps the bones to form early and greatly stimulates egg production when stock reaches maturity. Oyster Shell will save many young chickens that might otherwise sicken and die. Fed freely, it will pay for itself many times over in increased egg production.

LILLY'S EASTERN OYSTER SHELL

Lime in Its Best Form

Shell is valuable only in proportion to the amount of lime it contains. Our Eastern Shell contains the highest per cent of available lime and we recommend its use. It is a clean white shell made in two sizes, FINE for young chicks and MEDIUM for matured birds.

Packed in 10-lb., 25-lb., and 100-lb. bags.

LILLY'S BLUE POINT SHELL

A Dependable Source of Lime

This shell is a Western product coming from the famous Blue Point Oyster Beds of California. Though rich in lime it is dark in color and is thinner than the Eastern product. Medium grade only packed in 100-lb. bags.

CHARCOAL

Charcoal is a valuable regulator, blood purifier, aid to digestion and preventative of bowel trouble and sour crop. It is equally valuable for all kinds of stock and has always been one of the principal ingredients of Poultry and Stock Tonics. Keep it before the birds all the time as their own appetite is the best indication of the quantity needed.

LILLY'S HARDWOOD CHARCOAL

Made from Eastern hardwood and is especially recommended for its great powers of absorbing injurious gases and poisonous juices in the digestive tract. Made in two sizes, FINE for feeding in mash foods and for young chicks, MEDIUM for matured birds.

Packed in 3½-lb. cartons and 50-lb. bags.

LILLY'S WESTERN CHARCOAL

Made from local softwoods and therefore usually considerably lower in price than Eastern charcoal. Made in two sizes like our Eastern product. Packed in 50-lb. bags.

BUTTERMILK

Buttermilk should be a part of the ration on every poultry ranch. It is a great aid in the maintenance of health and vigor. Aside from the animal protein it contains, it carries with it Lactic Acid, which has no equal for toning up the system. Lactic Acid is a great germicide which, by destroying the disease forming bacteria in the intestines, prevents the many diseases common to chickens, calves and hogs.

It is positively the safest and cheapest health insurance for growing animals. Lactic Acid works directly on the digestive organs and alimentary canal, stimulating in a pleasant and healthful manner their action in assimilating food. The Western Washington Experiment Station recommends that buttermilk be given to baby chicks the first two weeks in place of water for the prevention of bowel troubles. Condensed and powdered buttermilks overcome the difficulty experienced in obtaining a uniform dependable supply of the fresh article and are a great convenience and saving to the poultrymen.

LILLY'S SEMI-SOLID BUTTERMILK

Semi-Solid Buttermilk is fresh creamery buttermilk taken direct from the churn at the creamery and super-soured by the assistance of a Lactic Culture (*Bacillus Bulgaricus*), then condensed by a special vacuum system at a temperature of 150 degree Fah. to the consistency of thick butter. It is absolutely pure, fresh, sanitary and free from any foreign acids or preservatives. To feed it simply mix with feed or water, as desired. One gallon makes 20 gallons of buttermilk. Full instructions with each shipment. Packed in 7-lb. cans, 5, 10 and 15 gal. kegs, half barrels and barrels.

LILLY'S POWDERED BUTTERMILK

A very convenient form of buttermilk for mixing in dry mashes. Can also be dissolved and fed in the drinking water. Packed in cartons and 100-lb. bags.

For Prices See Supplement

Mrs. Morgan Emery, Matlock, writes

"Plants grown from Lilly's seeds were a revelation to me."

LILLY'S
1923
ANNUAL

Pet-Stock Foods & Remedies

LILLY'S ADELPHIA BIRD SEED

Made after the formula of a famous bird raiser's mixture. Contains Sicily-canary, large rape, millet and blue poppy or maw seed. Positively will not fatten your singers.

Carton, about 1 lb., each **25c.**

LILLY'S HOLLY BIRD SEED

Holly Bird Seed is carefully prepared from sound, ripe seeds mixed in proportion to suit canaries and other hard-billed, seed-eating birds. A package of Bird Gravel and a piece of Cuttle Bone are included in each carton.

Carton, about 1 lb., each **20c.**

LILLY'S BIRD GRAVEL

Clean, sharp and hard.

1-lb. package, each **15c.**

LILLY'S CUTTLE FISH BONE

Small pieces only. Per lb. **45c.**

LILLY'S FLAX SEED

A good conditioner.

Per lb. **10c.**

LILLY'S SICILY CANARY SEED

Bright, re-cleaned. Per lb. **15c.**

LILLY'S BIRD RAPE

Large, plump grains.

Per lb. **10c.**

LILLY'S BIRD MILLET

Well ripened.

Per lb. **5c.**

LILLY'S HEMP SEED

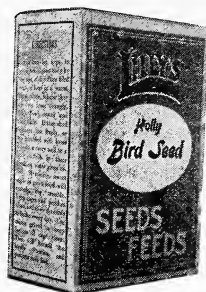
Fresh and appetizing.

Per lb. **5c.**

LILLY'S SUNFLOWER SEED

Full of meat.

Per lb. **10c.**



SPRATT'S PET STOCK FOODS AND REMEDIES

Spratt's TONIC AND CONDITION TABLETS. To build up after sickness and put in form for bench show. **50c.**

Spratt's DISTEMPER TABLETS. Also good as a preventative. **75c.**

Spratt's WORM CAPSULES. The best expellent of round, maw and tape worms. **50c.**

Spratt's CONSTIPATION TABLETS. **50c.**

Spratt's DIARRHOEA TABLETS. To relieve diarrhoea, which usually follows change of food, etc. **50c.**

Spratt's PATENT WHITE DOG SOAP. Entirely free from poison, and at the same time most effective in the destruction of lice and fleas. Leaves the coat smooth and glossy. **25c.**

Spratt's CAT FOOD. A complete and staple food for cats. Used at the leading catteries throughout the world. Carton **40c.** Also made with Fish and with Milk.

Spratt's BIRD TONIC. For the prevention and cure of all diseases of cage birds. **15c.**

Spratt's BIRD LICE DESTROYER. For dusting the feathers. **25c.**

Spratt's COD LIVER OIL NESTLING FOOD. For feeding young birds and old birds in the moulting season. A tonic and a flesh and bone maker. Unequalled as an aid to feather growth. **15c.**

Spratt's SONG RESTORER. A treat and a tonic for canaries, linnets and all seed-eating birds. **25c.**

Philadelphia BIRD MANNA. A staple food for all song birds. **15c.**

STOCK AND DAIRY SALT

Banner DAIRY SALT. For dairy and cooking purposes. Put up in 50-lb. sacks only. Each **75c.**

Leslie's BRICK SALT. 5-lb. bricks of lick salt. Price, each **15c.**

Per case of 20 bricks, **\$3.00.**

HALF GROUND SALT. Used for livestock, salting hay, ice cream freezing, etc.

50-lb. sacks, **50c** each; 100-lb. sacks, **90c** each.



CHAMPION DOG FOODS

We are Northwest selling agents for the famous Champion Line of Dog and Puppy Cakes.

Champion Dog Foods are made in the most modern, sanitary, and best equipped plant of its kind in the world.

Only clean, sweet meats, and the choicest of cereals are used in the manufacture of these foods.

They are guaranteed not to contain refuse from food factories or mill sweepings, horsemeat, formaldehyde, or anything else objectionable.

President Harding's famous Airedale "Laddie Boy" always eats "Champions." Why not get them for your dog.

STANDING OFFER:

If you have never used Champion Dog Foods, send for a hundred pounds. Feed it all. Then, if you are not entirely satisfied that "Champion" is the best prepared food you have ever used, write us to that effect, and we'll refund your money without question.

CHAMPION DOG BISCUIT

2¼-lb. cartons, **40c** each.

4¼-lb. cartons, **75c** each.

50-lb. bags, **\$5.90** each.

50-lb. bags Kibbled Cakes, **\$6.20** each.

CHAMPION PUPPY CAKES

1½-lb. cartons, **30c** each.

50-lb. bags, **\$6.20** each.

CHAMPION PUPPY MEAL

2-lb. cartons, **35c** each.

50-lb. bags, **\$6.20** each.

PETLICK SALT SPOOLS

Salt in spool form for rabbits and other pets. Made with a hole for attaching to hutch with a six-penny nail. Fills a long felt want. Price, each **10c.**



LILLY'S
1923

ANNUAL

M. M. Yeager, Hollister, Idaho, states
"We used Lilly's Best Garden Seeds and they gave excellent results."

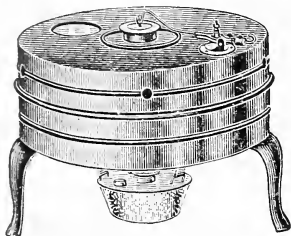


Reliable Incubators



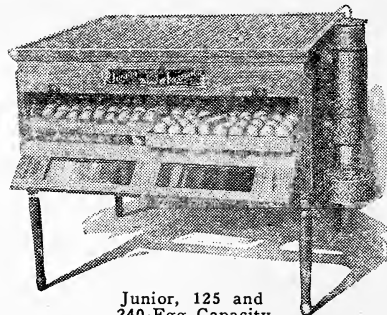
BABY GRAND

50-Egg Capacity, All Metal



Unique and superior in its construction. Beautiful in its appearance; excellent in its hatching qualities, and most Reliable and easiest operated small incubator ever offered to the trade. It has a glass window in top so thermometer can be seen without opening, and the chickens can be seen hatching without opening machine. It has a positive heat and moisture regulation, and is equipped with a moisture receptacle for applying additional moisture when needed. Has double top, well insulated and packed; double side walls, with distribution of heat through the machine at all times. The ventilation is perfect, supplying warm, fresh air to all parts of egg chamber at all times.

Price postpaid **\$8.00.**



Junior, 125 and 240-Egg Capacity

RELIABLE JUNIOR INCUBATORS

Finished in natural color with three coats of the best grade filler and varnish. The heaters and lamps are made of steel. Equipped with positive regulators that are very accurate and easy to adjust. Nursery beneath egg tray for chickens to drop into after being hatched. Removable Nursery Tray.

Each and every Junior has a layer of Wool packing in the top, the ends and back, made with single wall. This is one of the best Incubators and will give the best satisfaction in hatching. Has all the latest improvements.

No.	Capacity	Size	Weight	Price
83	125 Eggs	24x26	70 lbs.	\$25.00
85	240 Eggs	30x36	120 lbs.	35.75

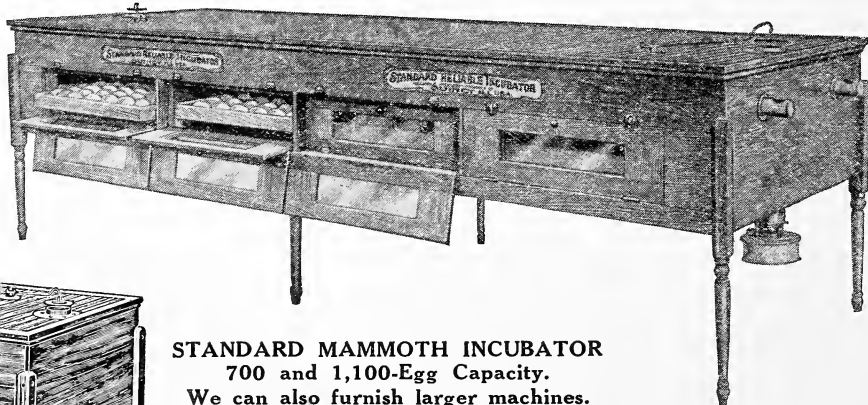
RELIABLE STANDARD INCUBATORS

The walls of these machines are double; the space between them carefully insulated with the best non-conductors of heat known. The top is heavily insulated. The heater in the Standard is incased.

The Standard "RELIABLE" Incubator has two separate doors which are made extra thick, with heavy glass. This arrangement permits of easy observation of all parts of the egg chamber at all times without opening the door.

No.	Capacity	Size	Weight	Price
55	350 Eggs	37x52	200 lbs.	\$55.50
57	450 Eggs	44x53	215 lbs.	63.75

A Special Incubator Catalog on request. MORE DETAILED INFORMATION ON INCUBATORS AND BROODERS IS GIVEN IN OUR SPECIAL CATALOG. DON'T HESITATE TO DROP US A POSTAL CARD IF INTERESTED.



STANDARD MAMMOTH INCUBATOR

700 and 1,100-Egg Capacity.

We can also furnish larger machines.

The Mammoth Incubators have a partition in the center, dividing them into two sections, each having its own heating and regulating systems. One section can be operated at a time. They have eight trays, four to each section. The easiest large incubator on the market to operate, also the most economical.

No.	Capacity	Size	Weight	Price
77	700 Eggs	36x104	340 lbs.	\$105.50
79	1,100 Eggs	43x123	540 lbs.	167.25

All machines shown on this page are heated with Hot Air. Prices F. O. B. Seattle or Portland. No. 79 for factory shipment only.

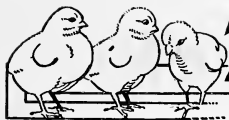


Standard, 350 and 450-Egg Capacity.

G. H. Knapp, Colville, states

"I have farmed here for 21 years and obtained the best results from your seeds of any planted in that time."

JULY'S
1923
ANNUAL



Reliable Brooders

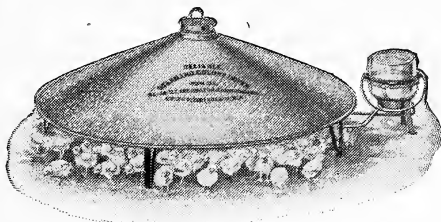


RELIABLE BLUE FLAME BROODER

Burns Gas Generated from Kerosene or Coal Oil.

This Positive Oil Level Blue Flame Wickless Ventilated Colony Brooder will save you Time, Trouble and Money. Simple in construction, easy and economical to operate, maintains a steady Blue Flame because of its positive oil level, non-clogging, direct feed construction and throws an abundance of heat. The 1923 model has a new eccentric regulating device which is very accurate. The feed is direct, no stuffing box or drip valve being used.

CANOPY—The Canopy is made of best grade Galvanized Steel. It is double seamed and reinforced at the bottom with a one-quarter-inch rod folded in place and has a cast iron collar at the top which makes this canopy very rigid, strong and durable. The legs are made of heavy steel, folded in to give strength and a rigid support to canopy.

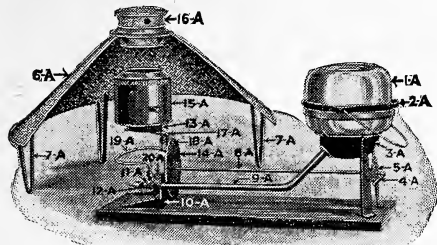


HEATER—Has no valves to clog up with sediment and cause trouble as the feed pipe is open from one end to the other. The Burner is operated on an Oil Level, it is impossible to overflow it. Simplicity is the main feature of the heater.

All heaters are shipped out fully assembled and tested before packing. **LIGHTING RINGS**—Kerosene or Coal Oil will not ignite in an open burner unless some form of Lighter is used to draw the oil up where it will burn, or burner is previously heated with alcohol or gasoline. Having tested all kinds of vaporizers and lighting rings, we have adopted the lighting ring that we are now using on account of its simplicity and low operating costs. About one-third less oil is consumed when these lighting rings are used.

THE VENTILATOR in top of cone of hover lets out all foul air made by the chicks. This is all done automatically without any bother to the operator and which insures steady and healthy growth of the chicks placed in its care.

SPECIAL CATALOG telling about this wonderful brooder in detail. Yours for the asking.



No.	Size Hover	Capacity	Weight	Price	No.	Size Hover	Capacity	Weight	Price
0	30-inch	350 Chicks	30 lbs.	\$18.00	2	52-inch	1,000 Chicks	45 lbs.	22.50
1	42-inch	500 Chicks	38 lbs.	19.50	Heater only No. 2 size price \$14.75.				

RELIABLE COAL BURNING COLONY BROODERS

IT WILL PAY YOU TO GET THIS LATE MODEL BROODER.

It will pay you to have this Reliable Standard Coal Burning Brooder. It has features and qualities that are not possessed by any other similar brooder and it is worth more to you on account of these improvements.

IT HAS A POUCH FEED DOOR

In the new designed top of the stove, which increases the coal capacity.

THE STOVE WEIGHS FULLY 15% MORE AND HAS 10% LARGER COAL CAPACITY than any similar stove of the same brooding capacity on the market. This does not seem of much importance but when you stop to think that this 10% more coal will run this stove from two to four hours longer, it is an item worth considering.

BURNS SOFT COAL

We recommend chestnut hard coal to be used excepting where of course it is impossible to get, but this is not always possible, so to make this brooder adaptable to use of soft coal, we have equipped it with

FOUR-INCH FLUE AND A SCREW PLATE DRAFT

making it possible to burn soft coal without it clogging up or going out.

The "RELIABLE" Coal Burning Brooder is without question one of the most durably constructed brooders made, and, with ordinary care, it will last a lifetime. It is Guaranteed to be the equal of any Coal Burning Brooder on the market. It does its work to perfection in the hands of the most inexperienced operator. It is sold with that guarantee.

No. 9—Size, 42 in.; capacity, 600 or less; height, 22 in.; weight, 80 lbs. Price **\$23.50.**

No. 10—Size, 52 in.; capacity, 1,200 or less; height, 26 in.; weight, 109 lbs. Price **\$28.75.**

**SHIPPED COMPLETE
READY TO SET UP
AND OPERATE**

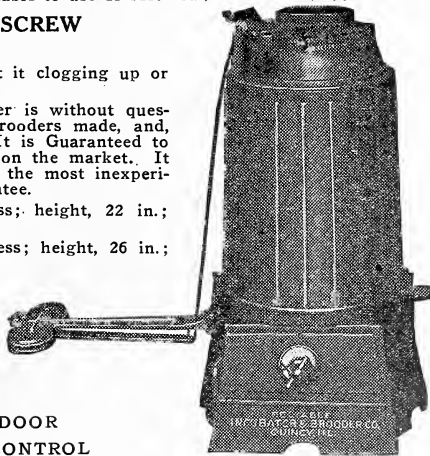
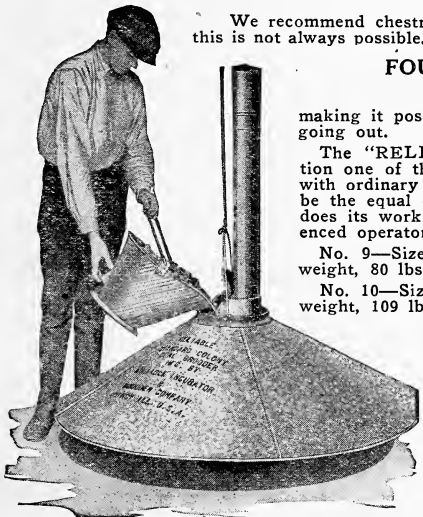
**SPECIAL NEW
FEATURES**

FOUR-INCH STOVEPIPE

SCREW PLATE DRAFT DOOR

DOUBLE TWIN WAFER CONTROL

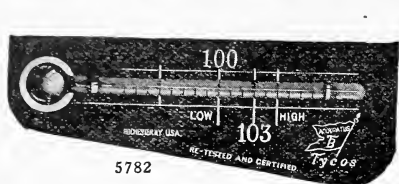
ECONOMICAL DURABLE SELF-REGULATING



W. H. Wright, Little Falls, states

"Last year I bought a package of Puget Sound Special Tomato seed from you, from which I raised the greatest crop I have ever seen."

Lamps, Thermometers, etc.



5782

CERTIFIED INCUBATOR THERMOMETER

Tyco's make, certified correct, guaranteed for accuracy. Can be suspended on a wire or used with a stand. Four-inch black oxidized brass scale with engraved mercury filled tube. Packed one in a box with certificate exactly as illustrated.

No. 5782—Price, each **95c.**

UPRIGHT INCUBATOR THERMOMETER

It is preferred by many poultrymen because the bulb is at the same level as the egg, and the scale is plainly visible from the door. Same as No. 5770 but without legs.

No. 5780—Price, each **65c.**

STANDARD INCUBATOR THERMOMETER



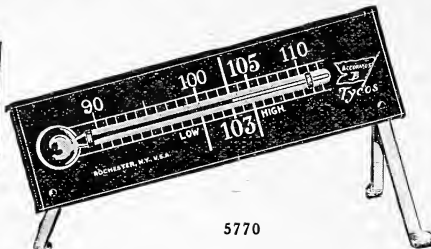
Tyco's make. Four-inch black oxidized brass scale. White filled figures and graduated mercury filled tube. Packed one in a box. Same size and style as No. 5782 illustrated above but not retested.

No. 5774—Price, each **65c.**

STANDARD HOVER THERMOMETER

On a half-round wood frame, 8 inches long. Magnifying mercury-filled tube. Approximate scale range 60 degrees to 140 degrees. Made especially for Hover type brooders but can be used on any style.

No. 5792—Price, each **65c.**



5770

TYCO'S INCUBATOR HYGROMETER

The importance of a correct percentage of moisture during incubation has made the Tyco Incubator Hygrometer as necessary as the Tyco Incubator Thermometer for successfully regulating the heat and moisture of an incubator. Stands 3 3/4 inches high and 4 1/2 inches wide over all. Packed each in a box.

No. 5796—Price, each **\$1.75.**

THREE-LEGGED INCUBATOR THERMOMETER

Tyco's make. This style is preferred by many hatchers. Has four-inch black oxidized brass scale and mercury filled tube. Packed one in a box exactly as illustrated.

No. 5770—Price, each **75c.**

ALL METAL BROODER THERMOMETER

For hanging at edge of canopy on colony type brooders. Range of temperature scale 10 to 100 degrees. Length about 6 inches.

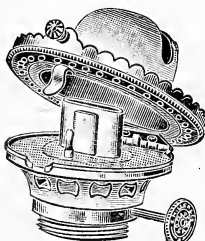
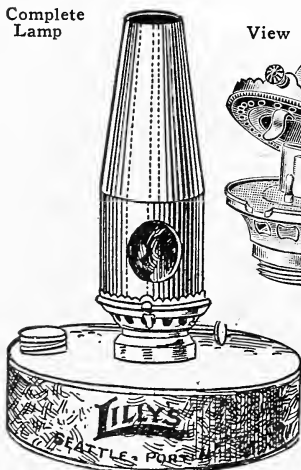
No. 5794—Price, each **65c.**



5794

Complete Lamp

View of Burner



INCUBATOR AND BROODER LAMPS

Made in three sizes, taking Nos. 1, 2 or 3 Burner respectively.

No. 1 Lamp—Consists of metal chimney with mica window, galvanized oil fount and sun hinge burner and 5/8-in. wick. Diameter of fount, 6 in.; depth, 2 3/4 in.; height over all, 9 in.; weight, 1 lb.

No. 2 Lamp—Takes 1-in. wick. Diameter of fount, 7 in.; height over all, 10 in.; weight, 1 1/2 lbs.

No. 3 Lamp—Takes 1 1/2-in. wick. Diameter of fount, 8 1/2 in.; height over all, 12 in.; weight, 2 lbs.

Lamp Complete

No. 1, \$1.10	No. 2, \$1.35	No. 3, \$1.75
No. 1, .60	Fount Only, .65	No. 3, .80
No. 1, .35	Burner Only, .50	No. 3, .70
No. 1, .30	Chimney Only, .30	No. 3, .35
No. 1, .15	Wicks, Dozen, .20	No. 3, .30

NEVERSMOKE LAMP

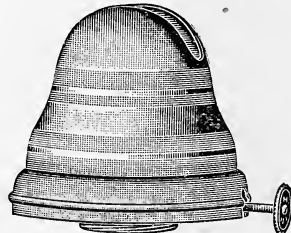
Chimneyless

So constructed that it does not require a chimney. There is an open reservoir on top of the oil fount that can be filled with water as a precaution against fire. Diameter of fount, 6 in.; height, including burner, 8 in. Size No. 2 only. Cut below shows burner used.

No. 1305—Lamp complete **\$1.25.**

No. 1315—Fount only **75c.**

No. 1325—Burner only **65c.**

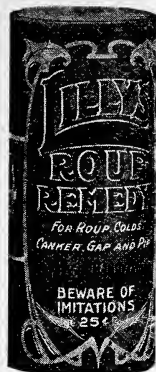
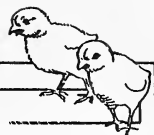


W. B. Kimple, East Sound, writes us
"The tomato seeds I bought of you were extra good. I believe every seed grew."

JILLY'S
1923
ANNUAL



LILLY'S Poultry Supplies



LILLY'S ROUP POWDER

Roup is the most common and most easily contracted of all diseases among poultry. It is a germ disease and the source is usually a cold. If colds are attended to promptly, they can be easily cured but if neglected they are liable to develop into roup. The symptoms of roup are froth, bubbles in the corners of the eyes, sneezing, and a watery discharge from the eyes and nose. When the head swells, eyes bulge out, cheesy masses form in the throat, mouth and beneath the eyelids and there is a bad odor, the disease is known as diphtheric roup and it is highly contagious. Lilly's Roup Remedy prevents and cures Roup, Blackhead, White Comb, Canker, Sore Head and other bacteria diseases.

4-oz. box, price **25c.** postpaid.

LILLY'S GROUND TOBACCO

A very effective agent for destroying many forms of intestinal worms in adult poultry. Feed at the rate of one pound to thirty pounds of mash in the quantity that birds consume in one day. Follow with a dose of Epsom Salts. Price **10c** per pound.

LILLY'S SODIUM FLUORIDE



Is the best all around cure for lice on poultry. Only a very small quantity is required for each fowl if used dry. It is soluble in water and is probably more generally used as a dip on large chicken ranches. Has the highest recommendations of the U. S. Dept. of Agriculture and the State Experiment Stations. Directions on each package.

Price, 4-oz. pkg. **20c.** 8-oz. pkg. **40c.** bulk, per lb. **65c.** postpaid.

LILLY'S POULTRY PEPPER

In cold, wet weather, it gives tone to the system, puts vim and snap into the birds and is a great help to egg production.

Price, carton (about $\frac{3}{4}$ lb.) **25c.** 7-lb. cans each **\$1.25.**



LILLY'S LICE POWDER

For vermin on poultry, the timely and frequent use of this powder will prevent a great loss to poultrymen from vermin which always attack fowls during warm weather. Setting hens especially should be dusted so the young chicks will not suffer when first hatched. It is well also to dust all the nests occasionally. Packed in 1-lb. sifter top cartons.

Price each **25c.**

LILLY'S INTESTINAL AND LIVER MEDICINE

For White Diarrhoea, Worms, Liver and Intestinal Trouble. Prevents and cures the ailments of the liver and intestinal tract of Baby Chicks. Before offering Lilly's Intestinal and Liver Remedy, we convinced ourselves positively that it would do the work. There are directions on each bottle.

Price, 8-oz. bottles, each, **25c.** Unavailable.



LILLY'S EPSOM SALTS

Of late years poultry men have resorted to the use of Epsom Salts to keep their birds in top-notch condition by feeding 8 oz. to the 100 birds once every three or four weeks. Recommended by your experiment station.

Price **10c** per pound.

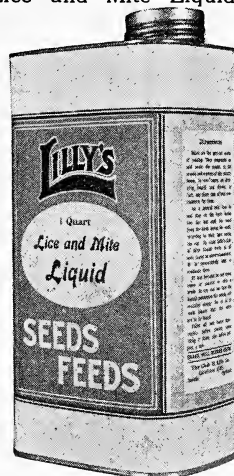
LILLY'S NEW LICE AND MITE LIQUID

With this new and powerful liquid, it is a very easy matter to rid your premises of all kinds of lice and mites. Always use it before whitewashing the interior of your poultry buildings and bear in mind that it should be used every time you notice any trace of vermin. Use it each year as a preventative at the approach of warm weather.

Lice and Mites, the greatest drain on the poultryman's profits, are not necessary and should not be tolerated. Lilly's Lice and Mite Liquid is guaranteed to destroy them if used according to directions.

It is ready for use and does not require diluting. It is best applied with a small spray pump or paint brush and should be used on roosts, dropping boards, nests, and all places where mites can hide, giving special attention to cracks and corners.

It must not be applied directly on the birds. It should be applied at frequent intervals, to kill the young as fast as they hatch. It should be used as a preventative; don't wait until the insects get a start. Qt. **50c.** $\frac{1}{2}$ Gal. **75c.** Gallon **\$1.10.** 5 Gallons **\$4.00.** Unavailable.

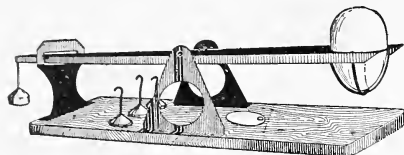


L. W. Sanford, Darena, Oregon, says

"For the last four years I have been using Lilly's seeds, and I have always found them to be better than any Eastern seeds I have ever planted."

Poultry Supplies

GILT EDGE EGG SCALE



Grade your eggs with this handy scale and get more money for them.

Weight 1½ lbs.

Price each \$1.75. Postpaid.

PETTEY POULTRY PUNCH

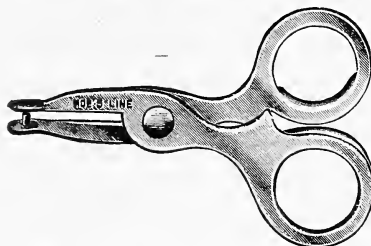


It is light, strong, cuts clean without bruising.

No. 1332—

Pettey's Poultry Punch, ea. 25c. Postpaid.

MOE'S PUNCH

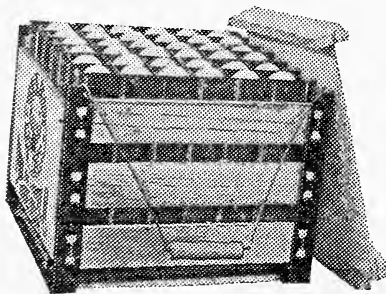


Works Like a Shears.

Also used for cutting adjustable leg bands to size wanted. Weight ½ lb.

No. 1333—Moe's Punch. Price each 50c. Postpaid.

EGG CARRYING CRATES



A very handy egg carrier holding 12 dozen eggs and suitable for parcel post or express shipments. Strongly constructed, iron bound, will last a life-time. Weight 6 lbs.

Price, each \$1.00

EGG CRATE FILLERS

Made of strawboard, and will fit any standard egg crate. Ten 30-dozen sets per case. Weight per case, 60 lbs.

Single Fillers 5c; Ten-set Case \$3.15.

ALBATROSS CREOLA

The White Disinfectant Paint.

A powder to which you simply add cold, warm or hot water and it's ready for use. Can be applied with a brush or spray pump. Dries snow white and is a disinfectant and whitewash combined. Makes poultry houses, barns, stables, hog houses, sheds, cellars, dairies, etc., light and sanitary. It does not flake or peel off.

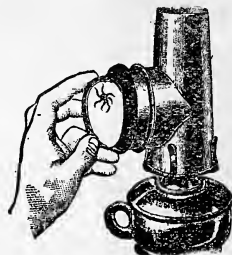
5-lb. package, each 65c.

100 lb. box, each \$11.00.



EGG TESTER

Simple, convenient, practical and cheap. Used to test the fertility of eggs after a week's incubation. It may be used on any lamp with a No. 2 burner, or over an electric light or candle. No lamp furnished.



No. 1248—Weight 1 lb. each 40c. Postpaid.

WIRE HEN'S NESTS

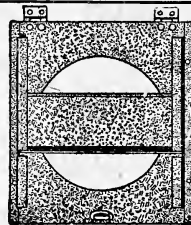
Wire nests are sanitary. They may be hung on the wall. No place for vermin. Five lbs. per dozen.

No. 107—Each 25c, per doz. \$2.75. Postpaid.

TRAP NEST FRONT

Simple in operation. The front works on hinges, making it easy to remove the birds or clean the nest. They also give the breeder the opportunity of using the size nest best adapted to his birds. Galvanized, 11 in. wide, 12 in. high. Weight 2 lbs.

No. 1263—Complete 50c. Postpaid.



CHINA NEST EGGS

Best grade china nest eggs. Weight ¾ lb. per dozen.

No. 1019—Per Doz. 40c, per Gross \$4.00. Postpaid.

PURITAN LIME

A universal household product with many uses. Write for folder describing its use for Preserving Eggs, Water Softening and Purifying. Polishing and Cleaning, Whitewash, Lime-Sulphur Spray, Sanitation, and on the lawn and garden. Sold only in one and five-pound packages.

Price 1-lb. package 15c.

Price 5-lb. package 35c.

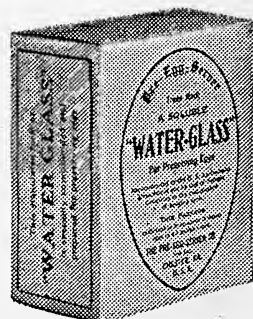


WATERGLASS EGG-PRESERVER

Waterglass is recommended by the U. S. Agricultural Department and by that of foreign countries as the best method of keeping eggs. The package shown in this cut contains sufficient material to keep about 15 dozen eggs in a five-gallon crock.

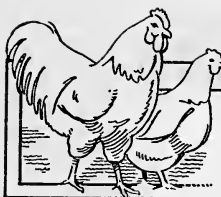
With eggs as high as they have been for the past several years, no one is overlooking the opportunity of putting up a few dozen when the price is at its lowest point.

Price, per package 20c.

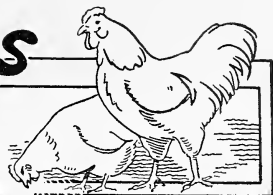


G. H. Bartlett, Edmonds, states "I have had splendid success with all of the seed that I have bought of you."

LILLY'S
1923
ANNUAL



Poultry Supplies



LEG BANDS SPIRAL CELLULOID BANDS

Always state color wanted. Cerise, Blue, Red, Green, White, Orange, Black.

No. 0 for Pigeons and Baby Chicks.
No. 1 for Bantams and Growing Chicks.
No. 2 for Leghorns, Minorcas, etc.
No. 3 for Plymouth Rocks, R. I. Reds, etc.
No. 4 for Cochins, etc., also Heavy Male Birds.



	No. 0	No. 1	No. 2	No. 3	No. 4
25 Bands	\$.15	\$.20	\$.30	\$.30	\$.35
100 Bands	.45	.50	.65	.80	.90
1,000 Bands	\$ 5.00	4.00	5.50	7.00	8.00

Twelve at the 25 rate, Fifty at the 100 rate, 500 at the 1,000 rate.

CAPONIZING SETS



NUMBERED ADJUSTABLE BANDS



Aluminum with large raised figures. Numbered from 1 to 999, adjustable to fit any breed. State numbers wanted.

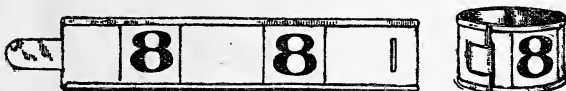
12 Bands	\$.15	100 Bands	\$.65
25 Bands	.25	500 Bands	3.00
50 Bands	.40	1,000 Bands	5.00

COLORÉD ADJUSTABLE BANDS

The colors and numbers are protected by a thick, transparent cover of clear celluloid. They have a strong aluminum back. Numbered 1-200. Colors, Green-Red-Blue.

25 Bands	50c	50 Bands	95c	100 Bands	\$1.75
----------	-----	----------	-----	-----------	--------

DOUBLE NUMBER COLORED BANDS



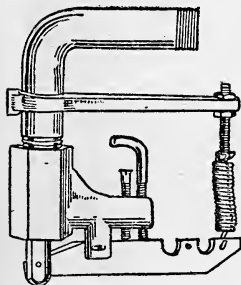
Numbered on both sides from 1 to 300.

No. 2—For light breeds, have red background.
25 Bands 50c 50 Bands 95c 100 Bands \$1.75

No. 3—For heavy breeds, have blue background.
25 Bands 65c 50 Bands \$1.10 100 Bands \$2.00.

GUARANTEED WATER FOUNTAIN

Automatic. It fills your pans or crocks just as full as you want them and no more. It is equipped with two screw stems, one which serves as a cut off when you are cleaning the water pans, the other for water adjustment. Price \$1.50.

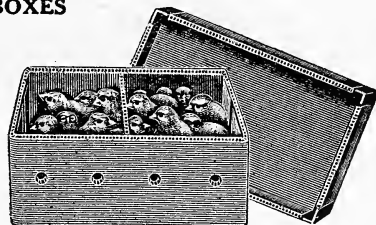


We handle only the famous Pilling instruments. Send for special booklet describing them.

Philadelphia Set Cardboard Case	\$2.50
Lansdowne No. 1 Set Wood Case	3.50
Cornell Set Wood Case	5.00

CHICK BOXES

These boxes are well made of heavy corrugated strawboard, with partitions and proper ventilating arrangements.



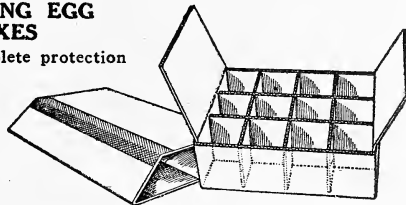
No. 1081 — 25 chick. Ea. 25c; per doz. \$2.75; Wt. doz. 18 lbs.

No. 1082— 50 chick. Ea. 35c; Doz. \$4.00; Wt. doz. 24 lbs.

No. 1083—100 chick. Ea. 45c; Doz. \$5.00; Wt. doz. 36 lbs.

HATCHING EGG BOXES

Afford complete protection for high-priced eggs when shipped by express or parcel post. Made of corrugated strawboard.



15 egg. Ea. 25c; Per doz. \$2.75; Wt. doz. 15 lbs.

30 egg. Ea. 50c; Per doz. \$5.50; Wt. doz. 29 lbs.

50 egg. Ea. 75c; Per doz. \$8.00; Wt. doz. 50 lbs.

MARKET EGG CARTONS

For marketing eggs, in a convenient, attractive manner. Not adapted for Parcel Post. Weight, dozen, 2 lbs.; per 100, 15 lbs.

No. 1016—Price per doz. 20c; per 100, \$1.30; per 1,000, \$12.





Moe's Poultry Fountains



AUTOMATIC FOUNTAIN

One of the greatest labor-savers. Any number can be attached to one supply pipe. Equipped with lock to shut off water when tank is removed. Adapted to any size pail or trough.

No. 30—Wt. 1 lb. Price **90c.**

No. 31—Pan for above fountain diameter 9 inches, depth 5 inches. Price **40c.**

BROOD COOP FOUNTAIN

Sets or hangs in the corner of the brooder pen or runway, has removable bottom.

No. 0—1 qt., Wt. 1 lb. Price **50c.**

BOTTOM FILL FOUNTAIN

A two-piece fountain easy to clean and fill. Accessable from all sides.

	Weight	Price
No. 19—1 qt.....	1 lb.	40c
No. 20—2 qt.....	1½ lbs.	50c
No. 24—4 qt.....	2 lbs.	65c

METAL BROOD COOP

Has removable bottom and combination door which confines the hen and allows chicks their liberty. Collapsible. Size 16x23 inches. Weight 12 lbs.

No. 49—Price, **\$3.00.**

TOP FILL FOUNTAIN

Double walled, keeps the water cool in summer and prevents freezing in winter. Fills from the top and hangs on the wall.

	Weight	Price
No. 1—1 gal.....	4 lbs.	\$1.35
No. 2—2 gal.....	7 lbs.	2.65
No. 4—4 gal.....	9 lbs.	3.50

IMPROVED WALL FOUNTAIN

Has a shield and a removable plate over the outlet to keep out dirt and litter.

	Weight	Price
No. 97—½ gal.	2 lbs.	\$.95
No. 98—1 gal.	3 lbs.	1.10
No. 99—2 gal.	4 lbs.	1.50

INSULATED FOUNTAIN

Double walled with protected outlet. Walls insulated to prevent freezing.

No. 5—2 gal.	Wt. 24 lbs.	Price \$4.00.
No. 6—3 gal.	Wt. 25 lbs.	Price \$4.60.
No. 7—5 gal.	Wt. 26 lbs.	Price \$5.90.

FOUNTAIN HEATER

Solves the problem of water heating. Complete with lamp. Height 7 in. Diameter 11 in.

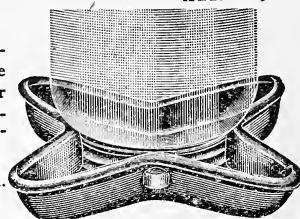
No. 10—Weight 5 lbs. Price **\$1.90.**

Articles shown on this page are all made of galvanized iron.

STAR FOUNTAIN

Made of one piece of non-rusting metal, fits any size Mason fruit jar. Used for feed or water. No jar furnished. Postage 5c each extra.

No. 32—Price **10c** each. **\$1.10** dozen.



DROP BOTTOM FOUNTAIN

Has hinged bottom. Can be used as a wall fountain and has shield to keep out litter.

No. 40—½-gal., Wt. 2 lbs. Price **95c.**

No. 41—1-gal., Wt. 3 lbs. Price **\$1.25.**

No. 42—2 gal., Wt. 4 lbs. Price **\$1.45.**

SCRAPER AND CLEANER

Made in one piece, useful around every poultry and rabbit house.

No. 47—Width 10 inches. Wt. 1 lb. Price **20c.**

HANDLED SCRAPER

Made of steel, rake edge on one side, 30-in. handle.

No. 51—Width, 10 inch. Wt. 1 lb. Price **60c.**

WALL FOUNTAIN

To hang on the wall out of the litter. No. 26 has removable bottom. No. 74, solid bottom, lays down to fill.

No. 26—1-gallon Wt. 2 lbs. Price **80c.**

No. 74—5-gallon. Wt. 6 lbs. Price **\$2.10.**

If you would like more detailed information about any article in MOE'S LINE send for their special catalog. A postal will bring it.

WATER AND FEED CUP

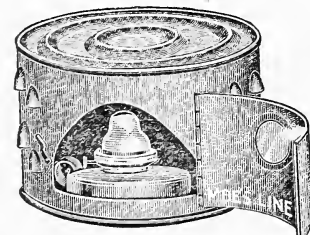
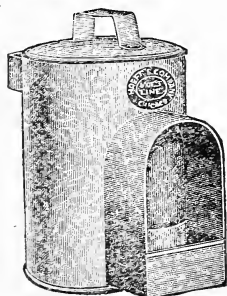
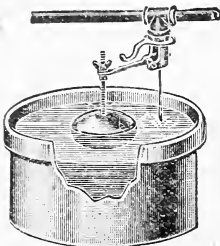
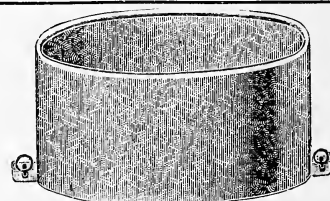
For use on shipping and exhibition coops.

No. 61—1 pt. Wt., doz., 4 lbs. Ea. **15c.** Doz. **\$1.75.**

WATER AND FEED DISH

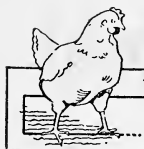
Rolled in top prevents waste, held to floor by simple locking device. Impossible to upset.

No. 46—1-qt. Wt., doz., 8 lbs. Ea. **25c.** Doz. **\$3.00.**



Mrs. Irving Dinsmore, San Diego, Calif., says "We have used Lilly's Lice Killer for the last two years, and we don't think we could raise chickens without it."

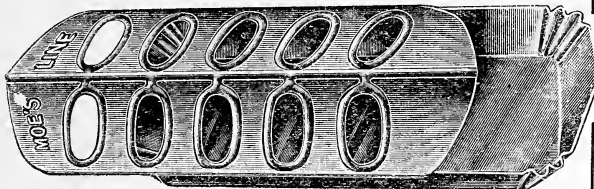
LILLY'S
1923
ANNUAL



Moe's Poultry Feeders



ALUMINUM FEED TROUGHS



Stamped of pure aluminum, no seams. Especially adapted for feeding sour and buttermilk.

No. 69	10 inch.	Wt. ½ lb.	Price 55c.
No. 70	20 inch.	Wt. 1 lb.	Price 95c.

ECLIPSE FEEDING TROUGHS

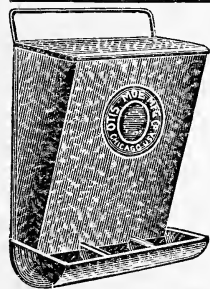
Same style as above but made of galvanized iron.

No. 27	10 inch.	Wt. 1 lb.	Price 30c.
No. 28	20 inch.	Wt. 1½ lb.	Price 45c.

VEGETABLE RACK

For feeding mangels, sprouted oats, etc. Hang one in every pen.

No. 44—Width 8½ inch.	Wt. 2 lbs.	Price 80c.
-----------------------	------------	------------



GRIT AND SHELL HOPPERS

Small size for young chicks, square bottom, two compartments.

No. 45—Wt. 1 lb.	Each 45c.
------------------	-----------

Medium size, round bottom, three compartments.

No. 9—Wt. 3 lbs.	Each \$1.00.
------------------	--------------

Large size, round bottom, four compartments.

No. 90—Wt. 4 lbs.	Each \$1.35.
-------------------	--------------

OAT SPROUTER

All metal, six pans, 16x18 inches, height 3 feet, weight 30 lbs., capacity 100 birds. Two, three or more can be enclosed in one cabinet if desired and heated with one lamp.

No. 110—As illustrated.	Price \$6.75.
-------------------------	---------------

FEEDER AND EXERCISER

Automatic grain feeder makes the birds do the work. They must exercise if they want to eat.

No. 52—8-qt.	Wt. 4 lbs.	Price \$1.55.
--------------	------------	---------------

No. 53—16-qt.	Wt. 6 lbs.	Price \$2.15.
---------------	------------	---------------

PIGEON FEEDERS

Prevents waste of feed, has sloping bottom.

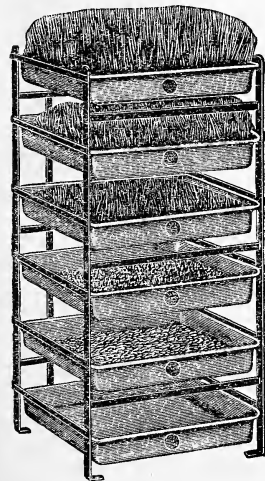
No. 105—3-qt.	Wt. 3 lbs.	Price \$1.10.
---------------	------------	---------------

No. 106—6-qt.	Wt. 3½ lbs.	Price \$1.60.
---------------	-------------	---------------

PIGEON NESTS

Seamless, diameter 8 inches, punched for nailing. Weight, each ½ lb.

No. 107—Each 15c.	Doz. \$1.75.
-------------------	--------------

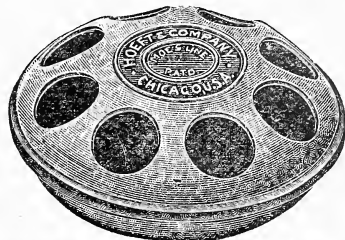


ROUND CHICK FEEDER

Great feed savers, sanitary, well-made, hard to upset.

No. 11—Diam. 6 inch. Wt., per doz., 5 lbs. Each 15c. doz. \$1.60.

No. 12—Diam. 8½ inch. Wt., per doz., 10 lbs. Each 25c. Doz. \$2.75.



DOUBLE FEED TROUGHS

For baby chicks. Turned edges around openings.

No.	Inch	Wt.	Price
No. 58	12	1 lb.	45c
No. 59	18	1½ lbs.	60c
No. 60	24	2 lbs.	70c



SANITARY FEED TROUGH

For growing chicks and ducks, removable tops.

No.	Inch	Wt.	Price
No. 21	12	1 lb.	45c
No. 22	18	2 lbs.	65c
No. 23	24	3 lbs.	85c

MAGAZINE CHICK FEEDER

A new round feeder with large feed magazine. Diameter 8½ inches, adaptable for feed or water.

No. 18—2-qt.	Wt. 1 lb.	Price 65c.
--------------	-----------	------------



MAMMOTH MASH HOPPER

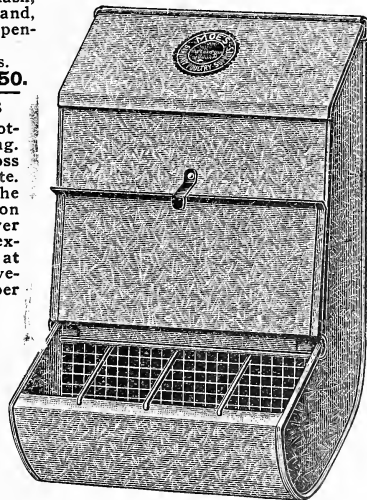
Holds 100 lbs. of mash, built on angle iron stand, length 35 ins., feed openings on both sides.

No. 3—Wt. 40 lbs.	Price complete \$10.50.
-------------------	-------------------------

MASH HOPPERS

Enlarged curved bottom prevents clogging. The grid and cross wires prevent waste. Sloping top keeps the birds from roosting on it and the cover over the feed opening excludes rats and mice at night. This is positively the best hopper made.

No. 35	10-qts.	Wt. 5 lbs.	Price \$1.65
No. 36	16-qts.	Wt. 6½ lbs.	Price \$2.20
No. 13	22qts.	Wt. 8 lbs.	Price \$2.50
No. 37	32-qts.	Wt. 11 lbs.	Price \$3.10



Pratts

POULTRY and ANIMAL Regulators and Remedies FIFTY YEARS THE STANDARD

Pratts POULTRY REGULATOR

Helps Make Hens Lay



What is Pratt's Poultry Regulator? A tonic and conditioner for poultry of all kinds and ages. A health-builder and health-preserver. Not a food.

What does it contain? Roots, herbs, spices, mineral substances, etc. Each ingredient performs a certain duty. The combination spells "health insurance."

What does it do? Pratt's Poultry Regulator helps to keep poultry healthy, vigorous and productive. It helps to shorten the molt, sharpen the appetite, improve digestion and circulation, hasten growth and increase egg-production. It saves feed by preventing waste due to poor digestion. It helps to prevent disease by keeping the birds in condition to resist the common ailments.

Has it been fully tested? Yes! In general use for nearly fifty years. The original poultry conditioner. Imitated, but unequalled.

Does it give general satisfaction? Positively! Satisfaction guaranteed or money refunded. Test it at our risk. Increased egg production will prove "Pratts makes hens lay."

How is it best used? Daily in small quantities. For adults, a tablespoonful daily for 10 birds. Younger stock in proportion. Mix with dry or moist mash.

What does it cost? Nothing, because it pays big profits. About a cent a month per hen is the investment required.

Packages, 1½-lb. 30c; 4-lb. 60c; 9-lb. \$1.20; 12-lb. \$1.60.

Bags, 25-lb. \$3.00; 50-lb. \$5.50; 100-lb. \$10.00.

Pratts ANIMAL REGULATOR

For Health and Vigor



The regular use of Pratt's Animal Regulator produces health and vigor in live stock of all kinds. It aids in keeping healthy animals in the pink of condition; in quickly putting half-sick, unprofitable stock in the money-making class.

Pratts Animal Regulator, America's original guaranteed Stock Tonic and Conditioner, is not a food. It is a combination of roots, herbs, spices and medicines which help to sharpen appetite and improve digestion, regulate the bowels, make rich, red blood, and naturally invigorate the organs of production. It helps to promote growth, improve health and strength, increase production. And all at very little cost.

Packed in handy cartons, pails and boxes. The larger sizes are more economical.

Packages, 21-oz. 30c; 3¼-lb. 60c; 7-lb. \$1.20.

Pails, 12-lb. \$3.00; 25-lb. \$4.25. Bags, 100-lb. \$12.00.

Pratts COW TONIC

Nature's Able Assistant

It not only helps to improve appetite and assist digestion, increase milk yield and percentage of butter fat, but in large measure prevent and overcome such disorders as barrenness and abortion, garget, milk fever, scours, indigestion, liver and kidney troubles.

The reason is plain when you know the ingredients. Here they are—gentian root, Epsom salts, capsicum, oxide of iron, fenugreek, nux vomica, ginger root, charcoal, soda, salt. All of superior quality and properly proportioned and combined.

You may think your cows are doing their best when they are not. Now find out. Secure a supply of the original and genuine Pratt's Cow Tonic. Use it and watch results. You will be astonished and delighted.

Packages, 2-lb. 65c; 4¼-lb. \$1.30; 12-lb. \$3.00.



Pratts HOG TONIC

An Every Day Necessity

The guaranteed conditioner for swine, overcomes most hog diseases, makes the breeders healthy and vigorous, giving big litters of big pigs, and the youngsters grow steadily and rapidly from birth to maturity and fatten quickly and economically.

Many of the most successful hog-growers will tell you that one secret of their success is the regular use of Pratt's Hog Tonic. You should at least test it. No risk on your part because.

"Your Money Back If YOU Are Not Satisfied."

Packages, 9-lbs. \$1.20.

Bags, 25-lbs. \$2.50; 100-lbs. \$9.00.

PACKAGES POSTPAID — BAGS BY FREIGHT COLLECT

R. S. Young, Fruitvale, Calif., says
"I use Lilly's Scratch Food and like it so well
that I could not get along without it."

LILLY'S
1923
ANNUAL

Pratts

GUARANTEED POULTRY AND ANIMAL REMEDIES

The result of fifty years experience. Each preparation is positively the best of its kind. Keep a supply on hand for instant use.

YOUR MONEY BACK IF YOU ARE NOT SATISFIED



PRATTS DIP AND DISINFECTANT

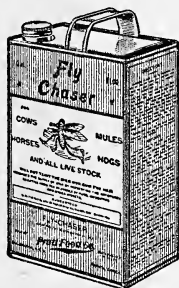
An all-year round necessity on every farm and in every home. Prevents contagious diseases, killing the germs. Destroys insects and vermin on live stock, in barns, poultry houses, etc. Quarts, 70c; Half Gallon, \$1.35; gallons, \$2.50. (Unavailable).

PRATTS BAG OINTMENT

Use it for caked bags, or garget, for cuts, cracks, scratches or sores on udder or teats. It works wonders. Better keep a package on hand for quick use. Per box, 40c.

PRATTS COLIC PREPARATION

A quick, certain relief for colic and acute indigestion in horses. Has a record of success in 998 cases out of 1,000. Keep a bottle in each wagon and in your stable. Per bottle, 70c. (Unavailable).



PRATTS FLY CHASER

Gives comfort to horses and cows. Cows can give more milk. Prevents annoyance at milking time to both the milker and the cow. Guaranteed to satisfy. Half gallons, \$1.10; gallons, \$2.00. (Unavailable).

PRATTS HEALING POWDER

For harness galls, sores, grease heel, bleeding ulcers, etc. It will arrest hemorrhage and check blood flow. Dirt and dust cannot get into wounds, as the powder forms a coating over them. Per package, 30c.

PRATTS DISTEMPER AND PINK EYE COMPOUND

It goes direct to the cause of the disease, purifies the blood, prevents weakening of the internal organs caused by impure blood or poisoned by absorbing the impure matter from the abscesses. Per bottle, 75c. (Unavailable).



PRATTS HEAVE COUGH AND COLD PREPARATION

A positive guaranteed relief for heaves, coughs and colds. It relieves coughs and colds by strengthening the digestive and respiratory organs, and counteracts the inflammation and irritation.

Try a box on your "heavy" horse. Per package, 70c.



PRATTS CONDITION TABLETS

An easy and effective treatment for "run-down" birds. Keeps show birds in condition and prevents colds, roup and liver trouble. Per package, 30c.

PRATTS LINIMENT

For man or beast. The best thing in the world for lameness, sprains, bruises, thrush, kicks, shoe boils, etc. A bottle should be kept in every medicine chest. Per bottle, 35c. (Unavailable).

HEALING OINTMENT

A splendid antiseptic ointment for man or beast. Keep a box on hand for cuts, burns, sores, scratches, eczema, galls, etc. Per box, 35c.



PRATTS BRONCHITIS PREPARATION

A quick and effective remedy, fully guaranteed for a disease that is generally fatal unless promptly checked. Per package, 30c.

PRATTS RED MITE SPECIAL

For exterminating the blood-sucking mites. To be sprayed or painted on roosts dropping boards, nests and other places, where mites hide. Use this preparation regularly. Quarts, 65c; half-gallons, \$1.10; gallons, \$2.00. (Unavailable).

PRATTS GAPE COMPOUND

Guaranteed to bring prompt relief. Better still, use as a preventive the first four weeks and your chicks will not be troubled with gape-worms. Per package, 35c.

PRATTS WORM POWDER

Is a special preparation for the destruction of all kinds of worms in horses, cows, hogs and sheep. It is purely vegetable and is unquestionably the quickest, surest and most thorough worm destroyer procurable. Per package, 60c.



PRATTS SORE-HEAD CHICKEN-POX PREPARATION

A guaranteed treatment for this highly contagious disease. Don't risk having your entire flock ruined. Keep a package on hand for immediate use when this ailment is first noticed. Per package, 35c.

PRATTS LICE KILLER Powdered

A fine powder for dusting. Use occasionally, and your birds, old and young, will be kept free from comfort-destroying, profit-killing lice. 1-lb. pkg., 30c; 2 1/2-lb. pkg., 60c.



PRATTS HEAD LICE OINTMENT

A mild, but efficient, ointment for use on young chicks. (Equally good for the children if they pick up unwelcome visitors at school). Per box, 30c.

PRATTS LICE SALVE

A more powerful ointment than Pratt's Head Lice Ointment intended for use on adult fowls or partially grown chickens. One application is effective for a considerable time. Per tube, 30c.



PRATTS WHITE DIARRHEA TABLETS

Guaranteed to save the chicks. A valuable help in preventing the heavy chick losses usually experienced. Per package, 30c.

PRATTS SCALY LEG SALVE

This disease not only impairs the vitality of the birds but, also ruins their appearance. Pratts will keep the legs clean and healthy. Per box, 30c.

PRATTS SPECIAL COMPOUND

For ailments sometimes mistakenly confused with "cholera." Of great value in aiding in the relief of indigestion, sour crop, dysentery, diarrhea and bowel trouble.

Guaranteed to satisfy or money refunded. Per package, 30c.



PRATTS ROUP TABLETS

An effective preventive and guaranteed relief for roup, colds, canker, catarrh and similar diseases. Per package, 30c.



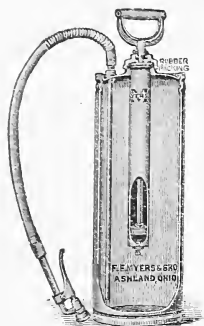
PRATTS ROUP POWDER

The same preparation as above in powdered form. Per package, 30c.

Prices Are Postpaid on Mailable Goods

Mary McArdle, San Louis Obispo, Calif., writes "I used Lilly's Stock Food for horses that were in bady condition, and it proved excellent."

Myers Spray Pumps



MYERS PNEUMATIC SPRAYER

A Compressed Air Knapsack Sprayer with Self-Locking D-Handle Screw Top and Adjustable Long Distance Spray Nozzle.

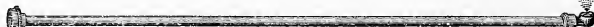
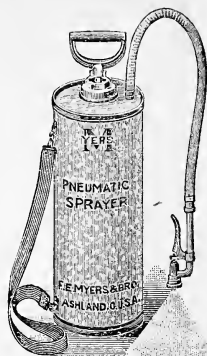
A simple, long lived sprayer, ideal for garden and farm spraying. Made of heavy galvanized iron with 1 3/4 inch brass pump attached to the tank by means of a heavy brass screw nut which is operated by two lugs on the handle which also locks the plunger into position and permits the sprayer being carried by the D-handle when desired. (See sectional view to the left.)

The Nozzle is one of the special features of this sprayer. By means of the small lever the spray can be adjusted from a broad fog spray to a long distance spray throwing the liquid 20 feet so that the tops of young fruit trees can be reached. Shipped complete with hose, special patented long distance nozzle and shoulder strap, just as illustrated to the right. Weight eleven pounds.

No. 296—Galvanized Pneumatic Sprayer. Price \$6.25.
No. 297—Same as above except has solid Brass Tank. Price \$9.25.

SPECIAL EXTENSION PIPE for above Sprayers fitted with Cyclone Nozzle which throws the spray at right angles. Attaches to the regular nozzle and is controlled by the lever. Especially useful for spraying the under side of plants, etc.

Fig. 1884—Extension Pipe with Nozzle. Price \$1.10.



MYERS LITTLE GIANT BUCKET SPRAY PUMP

Constructed entirely of brass and so arranged that the labor of pumping is all done on the downward stroke. Provided with a large air chamber and brass ball valves. The nozzle throws a continuous fine or coarse spray not affected by the movement of the plunger or will throw a solid stream fifty feet. It is therefore of unusual value for spraying fruit trees, washing windows, and automobiles as well as extinguishing fires, etc. Equipped with special jet agitator at the bottom of the pump which keeps the solution thoroughly mixed and agitated. Foot rest is made of malleable iron. Shipped complete with hose, combination nozzle and foot rest, weight seven pounds.

No. 327 1/2—Little Giant Bucket Spray Pump. Price \$4.50.



MYERS COG GEAR LEVER HANDLE BARREL SPRAY PUMP

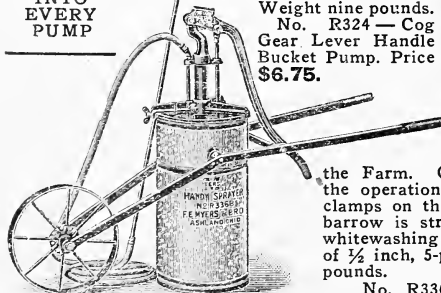
This pump has a 1 1/2 inch brass cylinder with solid plunger, brass ball valves, brass air chamber and discharge tube. The footrest, head and cog gear handle are malleable iron. The large cylinder in combination with the cog gear lever handle makes this an exceptionally easy working pump of more than ordinary capacity.

Suitable for a few trees, vegetable and flower gardens, disinfectants and whitewash. Has patented jet agitator which keeps the liquid thoroughly mixed.

**MYERS
BUILDS
QUALITY
SATISFAC-
TION
SERVICE
INTO
EVERY
PUMP**

Shipped complete with agitator, detachable hose and graduating vermored nozzle. Weight nine pounds.

No. R324—Cog Gear Lever Handle Bucket Pump. Price \$6.75.

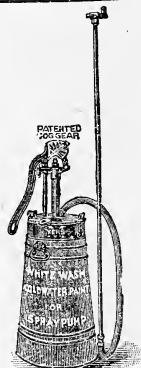


MYERS GENERAL PURPOSE SPRAYER

Whitewash and Cold Water Painting Machine. A most complete and serviceable outfit. The tank holds seven gallons and is made of heavy galvanized iron with wide bottom to make it steady in operation. The cover is removable and is fastened securely in place by two thumb nuts which prevents spilling and splashing of the liquid. The pump is the regular Cog Gear Lever Bucket Pump fitted with bordeaux nozzle, brass ball valves and has both the jet and dasher agitators. Suitable for general spraying, whitewashing and cold water painting.

The cog gear lever handle increases the leverage one third. Shipped complete with hose and extension pipe just as illustrated. Weight twenty-eight pounds.

No. R329—General Purpose Sprayer. Price \$13.25.



MYERS IMPROVED BRASS BARREL SPRAY PUMP

With Cog Gear Handle; Mechanical and Jet Agitators. Cylinder, Valves, Valve Seats and Discharge Tube all Brass. All working parts submerged in the liquid, no priming necessary.

It is a thoroughly serviceable pump, well made and simple in construction. We recommend it to the farmer with an ordinary sized orchard. Bolts to the side of an open barrel. Shipped complete with both jet and mechanical agitator, 15 feet of 1/2 inch, 5-ply discharge hose and graduating vermored nozzle. Weight forty pounds.

No. R305B—Improved Brass Barrel Pump. Price \$15.00.



MYERS PORTABLE SPRAYER

Has cog gear lever handle and dasher agitator, capacity 12 1/2 gallons; suitable for spraying trees whitewashing, etc. A General Utility Pump for the Farm. Cylinder is two inches in diameter and the patented cog gear handle makes the operation as easy as other much smaller pumps. All working parts are brass, pump clamps on the channel iron band around the top of the galvanized heavy iron tank, wheelbarrow is strong and rigid. Suitable for orchard, vineyard, garden and general spraying, whitewashing barns and poultry buildings. Shipped complete with dasher agitator 15 feet of 1/2 inch, 5-ply hose, 8 feet of extension pipe and graduating vermored nozzle. Weight eighty pounds.

No. R336B—Portable Sprayer. Price \$26.50.

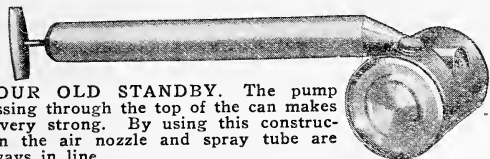
Chas. Fish, Langley, says

"After 28 years experience in buying seed on Puget Sound, Lilly's are the first on my list."

LILLY'S
1923
ANNUAL

Spray Pumps and Fittings

HOLLY SPRAYER

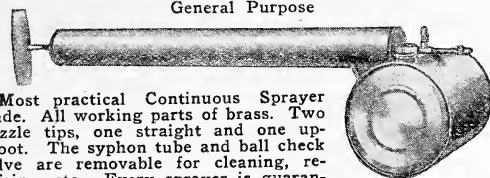


OUR OLD STANDBY. The pump passing through the top of the can makes it very strong. By using this construction the air nozzle and spray tube are always in line.

Tank—Heavy tin. Lock seamed. Capacity one full quart. Length over all 21 inches. Shipping weight 2½ lbs. each. Price each **50c.**

CONTINUOUS SPRAYER

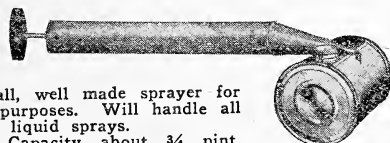
General Purpose



Most practical Continuous Sprayer made. All working parts of brass. Two nozzle tips, one straight and one up-shoot. The syphon tube and ball check valve are removable for cleaning, repairing, etc. Every sprayer is guaranteed perfect.

Tank—Heavy tin. Holds one quart. Length over all 18 inches. Shipping weight, each, 2 lbs. Price each **90c.**

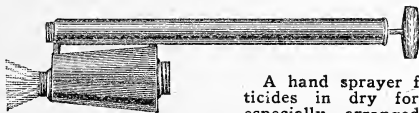
MIDGET SPRAYER



A small, well made sprayer for general purposes. Will handle all kinds of liquid sprays.

Tank—Capacity about ¾ pint. Length over all, 14 inches. Shipping weight, each, 1¼ lbs. Price each **35c.**

POWDER SPRAYER



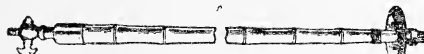
A hand sprayer for insecticides in dry form. Has especially arranged valves, no powder can reach the plunger leathers. Capacity one, quart, length over all 22 inches, weight 2 lbs. No. 701—Powder Gun. Price **\$1.00.**

POWDER BELLOWS



A popular favorite for dusting insecticides in their dry state, has hardwood handles and leather bellows. The elbow is used to tilt the funnel for getting under the plants. Weight 3 lbs.

No. 600—Powder Bellows. Price **\$2.25.**



No. 42—Bamboo Spray Pole, 8 ft. Each **\$4.00.**
No. 43—Bamboo Spray Pole, 10 ft. Each **\$5.00.**

STANDARD SPRAY PUMP

A one-man, one-hundred-purpose pump. Simply and carefully designed, accurate and of unusual power. Used with either bucket, barrel or knapsack depending on the work one wishes to do.

By different arrangements of the several nozzles regularly supplied, sprays of varying fineness—from a mist to a straight stream that carries sixty feet—are produced.

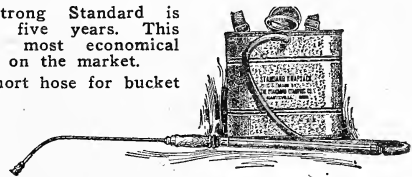
The Armstrong Standard Spray Pump is ideal for spraying liquid insecticides of all kinds, for whitewashing poultry houses and cattle barns, for spraying disinfectants in building or on animals and poultry, for fire protection, for washing windows, for washing autos—there is almost a daily use for the Armstrong Standard about the home, farm, garden and orchard.

The Armstrong Standard is made entirely of brass. No leather packings are used and no metal subject to rust or decay.

Every Armstrong Standard is warranted for five years. This makes it the most economical spraying device on the market.

Price with short hose for bucket use, **\$5.00.**

Knapsack for use on scattered work, **\$3.25.**



MYERS SPRAY GUN

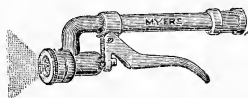
For Power Sprayers



Utilizes the entire capacity of any Power Sprayer and does away with Bamboo Extensions, Nozzles and Fittings. All working parts on the outside. Not subject to corrosion. Length over all 26 inches. Operated by one man, by a one-third turn of the handle the spray can be adjusted from a long distance spray to a broad spray or shut off entirely. Furnished with four discs of varied capacity. Fitted for ¾-inch hose coupling and ¼-inch pipe; weight 6 lbs.

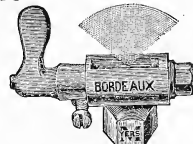
Myers Spray Gun. Price **\$6.25.**

PNEUMATIC NOZZLE



For compressed air sprayers. Discharge controlled by lever. Price **\$1.50.**

BORDEAUX NOZZLE



For heavy sprays, white-wash, cold water, paint, etc. Price **\$1.00.**

MODOC NOZZLE



For bucket spray pumps. Price **60c.**

VERMOREL NOZZLE



Adjustable and self-cleaning. No. 60 166 straight shank. No. 61 Angle shank. Price each **\$1.00.**

FOG NOZZLE



For fine spraying. No. 166 straight shank. No. 168 Angle shank. Price each **90c.**

LONG DISTANCE NOZZLE



Adjustable for distance. Price **\$1.10.**



No. 175—Iron Pipe Extension, 2 ft., **50c.**

G. I. Dean, Springfield, Oregon, says
"The crop of Danish Ballhead Cabbage we raised from Lilly's seed was wonderful."

Insecticides and Fungicides

DOSCH GARDEN DUSTER

A small hand duster designed for use in the family vegetable and flower garden for the control of sucking and chewing insects as well as bacterial and fungus diseases. This duster is small, being only 3½ inches by 10¼ inches in size. Packed complete with one-pound of Dosch Complete Garden Dust.

Price each, prepaid, **\$2.00.**

DOSCH COMPLETE GARDEN DUST

An all-purpose dust suitable for controlling various fungus diseases, Sucking and Chewing insects. The active ingredients are Sulphur, Nicotine and Arsenic Oxide. Equally efficient on vegetables, flowers, shrubs, potted plants, etc. Deadly to ants, snails, slugs, and other insects. Packed in one-pound cartons which fit in the Dosch Garden Duster, can also be used in any powder sprayer.

Price each, postpaid, **50c.**

TOBACCO DUST

For fumigating in Greenhouses and other places where insects bother and for applying as a dust spray for Aphids and other soft-bodied insects outdoors or where fumes cannot be confined.

100 lbs. **\$7.50.** Less than sack lots, **10c lb.**

CRUDE SULPHUR

Crude or lump sulphur if wanted in quantity write for prices. Per lb., **4c;** 100-lb. sack, **\$2.75.**

POWDERED SULPHUR

Fine ground sulphur for fertilizing Alfalfa, spraying and fumigating. We are importers, and can furnish it in large quantities at lowest prices. Write for prices, stating quantity wanted.

Per lb. **5c.** 100 lbs. **\$3.25.**

BLUESTONE

Blue Vitriol used in making Bordeaux Mixture, treating seed grain for smut, etc. If wanted in large quantities, ask for price.

Per lb. **15c.** Per 100 lbs. **\$12.00.**

NIAGARA SOLUBLE SULPHUR

The Dry Lime and Sulphur Compound

An efficient, economical, practical and convenient insecticide and fungicide for spraying all kinds of trees, shrubs and bushes for the control of San Jose Scale, Peach Leaf Curl and many other orchard troubles. It has been in general use among thousands of the best fruit growers in America for years.

It does not deteriorate with age, is not mussy, leaky and cumbersome to handle, is not harmed by freezing, weighs only one-sixth as much as the same quantity of Solution.

Easily dissolved in hot or cold water and contains absolutely no sediment or grit to clog and wear out spray pumps and nozzles, which is so troublesome in most other sprays. For DORMANT SPRAYS to control San Jose Scale, Oyster Shell Bark Louse, use 12½ lbs. to 50 gallons of water. For Leaf Curl use 10 lbs. to 50 gallons of water, etc. For Summer Spray less is required and the amount used is governed by local conditions, which vary a good deal, usually 1 lb. to 16 gals. of water. Write for Spray Calendar.

1-lb. can **25c.** 5-lb. can **\$1.10.** 10-lb. can **\$1.85.** 25-lb. drum **\$3.25.** 100-lb. drum **\$12.00.**



ARSENATE OF LEAD

Dry Powdered Arsenate of Lead is very finely divided and fluffy, making it practical for use either as a wet spray or for dry dusting. As the result of a new process in manufacture, it has greater bulk per given weight than ordinary Arsenate of Lead.

It mixes readily with water, stays in suspension almost indefinitely and will adhere to foliage for the longest possible time. This material will not clog the spray nozzle and insures a most uniform distribution of the poison.

Arsenate of Lead contains from 31 to 33 per cent Arsenic Oxide, thoroughly combined with Lead. This gives maximum killing power and quick action in the control of leaf-eating insects, while absolutely preventing any danger of burning the foliage or injuring the fruits or vegetables in any way. Growers can use it with every assurance of safety and results in fighting such pests as Caterpillar, Curculia, Leaf Skeletonizer, Gouger, Slug, Canker Worm, Codling Moth, Leaf Roller, Curant Worm, Berry Moth, Vine Flea Beetle, Cabbage Worm, Potato Bug, Crown Borer, Root Worm, and many other similar pests on Fruits, Vegetables and Shrubbery.

½-lb. Carton, each	.25	25-lb. Drum, each	\$ 7.00
1-lb. Carton, each	\$.40	100-lb. Drum, each	25.00
5-lb. Carton, each	1.65		

BORDEAUX MIXTURE

Contains at least 16 per cent copper and is therefore more effective and less expensive than any other and can be combined with any insecticidal poison without losing any of its strength. By the simple addition of water, according to directions, either the 4-4-50, the 5-5-50 or the 3-3-50 formula is quickly made.

1-lb. package, each	40c	5-lb. package, each	\$1.75
		25-lb. drum, each	\$7.00

BORDO-ARSENATE

The Two-in-One Spray

This product combines the killing properties of Arsenate of Lead and the fungus preventative qualities of Bordeaux Mixture and controls both external leaf-eating insects and fungus diseases at the same time. Full directions for use on each package or will be sent free on request.

½-lb. package, each	30c	1-lb. package, each	50c
		5-lb. package, each	\$2.00

NIAGARA ALL-IN-ONE DUST

Niagara "All-in-One" Mixture contains sufficient arsenic poison to produce the desired results in regard to chewing insects, contains enough nicotine to successfully control most sucking insects and contains sufficient fungicide for successful prevention of many fungus diseases. Therefore, it is not necessary for the gardener to undertake technically whether or not the particular insect which is causing his trouble belongs to the chewing class or the sucking class because without regard to which type of insect the marauder belongs, he may be kept under control by the simple treatment of Niagara All-in-One Mixture.

Price, 1-lb. package,	50c	5-lb. package,	\$2.25
		25-lb. package,	\$10.00

FORMALDEHYDE

Used for the treatment of farm and Garden Seeds for the prevention of smut, wilt, rot, scab, and many other bacterial diseases. For disinfecting and many other purposes. Send for booklet describing its many uses. Packed in one-pound glass bottle.

Price each **60c.** not mailable.

Cecil H. Johnson, Ellensburg, says
"The best corn I have ever tried is Lilly's Golden Bantam."

LILLY'S
1923
ANNUAL

Spray Materials



BLACK LEAF 40

"Black Leaf 40" is a concentrated solution of nicotine sulphate and is guaranteed under the United States National Insecticide Act to contain not less than 40 per cent of Nicotine by weight.

"Black Leaf 40" is perfectly soluble in water; no clogging of nozzles. Packed with full directions.

- 1 oz. (about 6 gals. spray) **35c.**
- ¼ lb. (40 to 150 gals. spray) **\$1.25.**
- 2 lbs. (160 to 200 gals. spray) **\$3.50.**
- 10 lbs. (800 to 3,000 gals. spray) **\$13.50.**

"NICO-FUME" LIQUID

"Nico-Fume" Liquid is a highly refined solution of "free" nicotine, guaranteed under the National Insecticide Act to contain 40 per cent of nicotine. For Spraying, one or two teaspoonfuls to the gallon of water furnish an effective remedy against Green Aphis and Thrips; and for Vaporizing, one-half ounce per 2,000 cubic ft. furnishes a strong fumigation. "Nico-Fume" Liquid thus has the advantage of being employed both for spraying and fumigating. The labels contain complete directions.

- 1-lb. tins **\$2.25.** 4-lb. tins **\$8.00.** 8-lb. tins **\$15.00.**

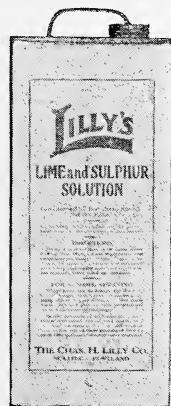
"NICO-FUME" TOBACCO PAPER

The sheets are folded and punched, ready for use, thus requiring no additional labor for folding.

The Paper is guaranteed under the National Insecticide Act to contain not less than 20 per cent of nicotine (meaning 20 per cent of the total contents of the package); its original nicotine content being considerably higher.

For the ordinary greenhouse (100 ft. long by 20 ft. wide) 8 or 10 sheets will usually furnish a strong fumigation against Green Fly, etc. The labels contain complete directions.

- Can of 24 sheets **\$1.25.** Can of 144 sheets **\$5.50.** Can of 288 sheets **\$10.00.**



LIME AND SULPHUR SOLUTION

Best of the Old Style Sulphur Sprays.

Nothing beats the old style Lime and Sulphur Solution for a dormant or winter spray and while it is bulky and cumbersome to handle, many of our best Fruit men will use nothing else. It has been used by the orchardists of the Northwest for many years, and has long been the standard sulphur spray.

It is a clear, cherry-like solution, free from sediment, and tests 30 to 32 degrees Baume, which is about as concentrated as it is possible to make lime and sulphur spray which will remain in solution.

- 1-gallon can **75c.**
- 5-gallon can **\$2.75.**
- Barrel (about 50 gals.) **\$13.00.**

LILLY'S TOBACCO SOAP SPRAY

Among the most common pests are the small green, pink, or grayish plant lice ("aphis") which attack the leaves, tender tips, and other parts of plants. These insects are small but easily seen. On such plants as Cabbage, Turnip, Spinach and Melons they gather in "colonies" on the under surface of the leaves. On such plants as Roses, Potatoes, Tomatoes, Peas and Beans, they may be found covering the tips of the stems and also on the under side of the leaves.

It is well recognized that the most active poison and really only satisfactory insecticide for the destruction of plant lice is nicotine sulphate, but in order to be most effective this must be combined with a soap emulsion so that the spray will adhere to the insects.

LILLY'S TOBACCO SOAP SPRAY is a combination of nicotine sulphate and soap emulsion prepared ready for use so that all that is necessary is to add water and apply.

It is available to the person who has a small garden or a few shrubs, and who hasn't the required experience or doesn't want to go to the trouble of making up a preparation from the raw materials.

Spray with good pressure so the liquid is broken up into a fine mist—not drops. REMEMBER that only the aphis that you hit and wet with the solution will be destroyed.

- 8-oz. bottle (unavailable), each **30c.**
- 1-qt. can (unavailable), each **\$1.00.**



FISH OIL SOAP

Used as a wash during the summer by Hop Growers, Fruit Men and Florists to destroy Aphis and other insects and to prevent the spread of scales and fungus, also as a spreader for the tobacco sprays.

- 50-lb. box **\$7.50.** 1-lb. wrapped bars, each **20c.**

TREE TANGLEFOOT

Tree Tanglefoot is a sticky compound similar to that used in making Tanglefoot Fly Paper.

On matured fruit trees and all shade trees it is applied directly to tree trunks; on young fruit trees over strips of manila paper.

One pound makes about 10 lineal feet of band, remains sticky three months and longer, effective rain or shine. Won't soften, won't run or melt, yet always elastic, expanding with growth of tree. Applied with a wooden paddle. Will not injure trees.

- 1-lb. pails **50c.**
- 5-lb. pail **\$2.40.** 10-lb. pail **\$4.50.** 25-lb. pail **\$10.50.**



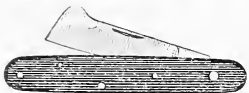
Horticultural Supplies



PRUNING KNIFE

Handy grip ebony handle, curved, polished, tool steel blade, nickel-plated bolster.

No. 3290—Price each **\$1.50**.



BUDDING KNIFE

A well-shaped good sized knife with special blade to open cleft for inserting buds.

No. 436—Price each **\$1.40**.



PRUNING SHEAR

Full polished Swiss Pattern shear, crucible steel blade, ratchet, regulated adjusting nut; 9 inches long.

Swiss Shear—Price each **\$2.90**.



PRUNING SHEAR

Heavy 9-inch shear with volute spring, high grade polished steel blade, attractive finish. A well made article.

No. 1208—Price each **\$1.70**.



GRAFTING WAX

Our own make, very superior quality. Packed in one-pound packages only.

Per lb. **45c**.

RAFFIA

Natural color, for nursery and garden work, also used for making baskets.

Price: 1 lb. **25c**, 25 lbs. or more **20c**, in bale lots (225 lbs.) write for prices.

TREE LABELS

For labeling trees, plants, etc. Made of white pine. Furnished either with or without wire. 3 1/2 in. long, 5/8 in. wide. Notched, not wired, Wt. 6 oz., 100 **20c**, 1,000 **\$1.85**. Copper or Iron wired, Wt. 7 oz., 100 **35c**, 1,000 **\$3.20**.

POT LABELS

For labeling plants in pots or beds. Made of white pine.

4x5/8 inches, Wt. 5 oz., 100 **20c**, 1,000 **\$1.75**.
5x5/8 inches, Wt. 6 oz., 100 **25c**, 1,000 **\$2.25**.
6x5/8 inches, Wt. 8 oz., 100 **35c**, 1,000 **\$3.25**.
10x5/8 inches, Wt. 16 oz., 100 **75c**, 1,000 **\$7.00**.
12x5/8 inches, Wt. 20 oz., 100 **90c**, 1,000 **\$8.00**.

GARDEN STAKES

For marking or labeling rows in the garden. White pine, 12 in. long, 1 1/8 in. wide; weight 2 1/2 lbs. per 100. Price, per 100 **\$1.30** Price, per 1,000 **\$12.00**

PERMANITE

The standard greenhouse putty or glazing compound. Never gets brittle in cold weather or softens and runs in hot weather. With it cracks in the glass are easily and permanently repaired. Permanite films over on top when exposed to air but under this film it is always soft, pliable and elastic. One gallon will glaze 350 feet of glass.

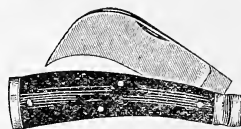
One-gallon can . Price **\$2.50**. Five-gallon can **\$12.00**.

Permanite machine operated by one hand **\$6.75**.

PRUNING KNIFE

Horn handle, nickel bolstered at both ends, has curved blade of highly polished tool steel.

No. 2946—Price each **\$1.70**.



BUDDING KNIFE

Has pointed blade and broad bone opening spoon.

No. 2570—Price each **\$1.70**.



ROSE SHEAR

Full nickel plated, 7 inches long, forged from high grade steel. Its fine finish and handy size makes it very desirable.

No. 1501—Price each **\$1.40**.



THINNING SHEAR

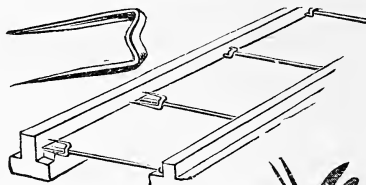
Mill finish, used for thinning fruit and for picking grapes, etc. 7 inches long.

No. 101—Price each **90c**.



PEERLESS GLAZING POINTS

For greenhouse and hot-bed sash. Only two required for each pane of glass, and so constructed that glass cannot slide. 1,000 to a pound. Price per lb. **90c**.



NEPONSET PAPER POTS

Splendid for handling and shipping plants. Unbreakable, light and economical.

Size—	Weight	—Price—
	1,000	1,000
2 1/2 in.	18 lbs.	\$.70 \$ 6.50
3 in.	28 lbs.	.95 9.00
4 in.	50 lbs.	1.50 14.00



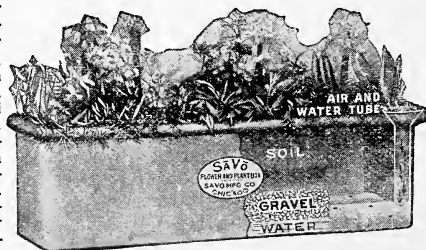
SAVO PLANT BOXES

Self-watering and sub-irrigating for windows, porches, sun parlors, etc. Leak proof and rust proof. Fill with water once a week. No surface watering. The all-year-round flower box. Aluminum or dark green finish.

The most efficient, durable and artistic plant box made. 8 inches high, 9 1/2 inches wide.

Model A—23 inches long **\$3.50**.
Model C—35 inches long **\$4.50**.
Model D—41 inches long **\$5.00**.

Send for special folder describing these plant boxes.



Chas. Hodges, Tacoma, writes

"We have never found any to compare with Lilly's poultry foods."

LILLY'S
1923
ANNUAL

Insect and Vermin Destroyers

LILLY'S FLY LIQUID

COMFORT FOR STOCK—PROFIT FOR OWNER

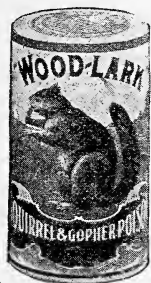
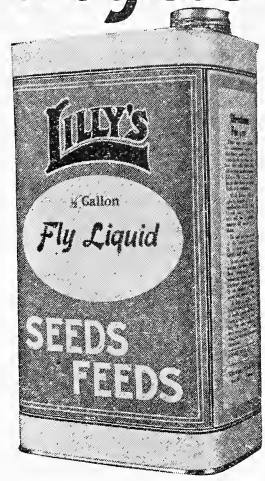
You should spray your cows, horses, pigs, dogs and other livestock regularly during fly time with Lilly's Fly Liquid. It is not only a human thing to do but it pays big dividends on the money and time invested, therefore, it's good business. Cows immediately give more milk, young stock grows faster, horses do more work and all enjoy more comfort, to say nothing of the saving effect on feed alone.

Unless you protect your stock by spraying you are spending money for feed to fight flies and mosquitoes. It is impossible to get away from this fact. Part of it the flies get by sucking the blood from the stock and the rest is expended in energy fighting these pests.

By spraying screens, stable doors, manure piles, garbage cans, and other places where flies congregate, they will be eliminated and breeding curtailed.

We guarantee Lilly's Fly Liquid to give satisfaction if used according to directions. It will not burn or blister the animals or remove the hair and it will not taint the milk. Hundreds of Northwest farmers use it each season. If you have not used it you have been losing money. You take no risk since we guarantee it to satisfy or we will refund your money.

Cannot be mailed. Quart cans, each 50c; gallon cans each \$1.25; 5-gallon cans \$4.50.



WOODLARK SQUIRREL AND GOPHER POISON

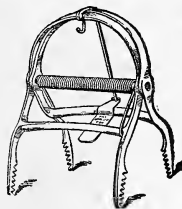
Ready for Instant Use—Never Fails.

Is guaranteed the most reliable and destructive agent yet devised for the extermination of Squirrels, Sage Rats, Prairie Dogs, Pocket Gopher, Field Mice and Crows. Every kernel is warranted to kill. We will cheerfully refund the purchase price in every case in which it fails to satisfy. Should be used early in the Spring when green food is scarce.

Price—1-lb. cans, each 50c.

10-lb. cans, each \$4.50.

25-lb. cans, each \$9.25.



OUT O' SIGHT MOLE TRAP

Directions for setting and full explanation of the mole's habits furnished with each trap. Heavy powerful spring, malleable iron jaws. Teeth designed so as not to injure the fur. Japanned finish. Weight 1½ lbs.

Price each \$1.25.

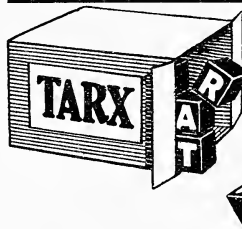


RAX

KILLS RATS AND MICE

RAX, although not poisonous, causes Rats and Mice to become sick and die, first transmitting the virus to others, causing the spread of the disease, thus increasing the mortality of the undesirables. They leave buildings and seek the open, where they remain until dead.

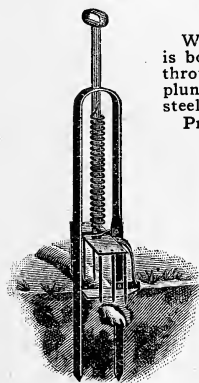
Properly used, buildings can be entirely cleared. One size only. Full directions on each bottle. Price 75c.



TARX

A new solidified coal tar disinfectant. Made in 5-lb. bars marked off into 150 cubes. Each cube makes one gallon of full strength disinfectant. Dissolves readily in water and can be used in any spray pump. Send for special booklet.

Price per lb. 50c.



REDDICK MOLE TRAP

When set over a regular runway the mole is bound to be caught the next time he goes through. It is set by simply pulling up the plunger rod. Made of heavy cold rolled steel, double tinned. Weight 2½ lbs.

Price each \$1.10.

Erickson's Exterminators

Gas Bombs that suffocate such rodents as Moles, Ground Squirrels, Prairie Dogs and Pocket Gophers. Simply light the fuse and slip the exterminator into the burrow and close the openings to confine the gas. The result is quick and sure. For the larger animals order the No. 1 size, for Moles, Gophers, etc., order the No. 2 size.

No. 1 Exterminators, Pkg. of 10 70c.

No. 2 Exterminators, Pkg. of 10 60c.

KRESOLYN DISINFECTANT

One of the best general disinfectants and germ killers known for kennels, poultry houses, stables, etc. Useful for parasites on dogs, cattle and poultry, very healing for cuts and bruises. Full directions on each can.

Quart 60c. Half gallon \$1.00. Gallon \$1.90.

CARBOLINEUM

Used for treating posts and timbers. Also effective against poultry Lice and Mites. Can be applied with brush or spray pump. Gallon \$1.60. Five gallon cans \$7.50.

CREOSOTE "C"

High grade Coal Tar Creosote free from salts and naphthaline; will not crystallize in the can. Gallon 85c. 5-gallon can \$4.00. Barrels 55c gallon.

PRICES ARE F. O. B. SEATTLE OR PORTLAND



Planet Jr. Garden Tools

NO. 20 FERTILIZER DRILL



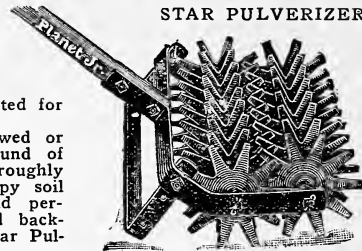
and rapidly. The cutaway discs pulverize lumpy soil and the rear cutting blade levels the ground perfectly. Works equally well both forwards and backwards. Width 13½ inches. Weight 10 lbs. Star Pulverizer Price **\$36.50**.

STAR
PULVERIZER,
LEVELER
AND WEEDER

This new tool is especially adapted for preparing the seedbed.

After the ground has been plowed or spaded this Pulverizer will be found of great value. It does its work thoroughly

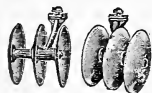
STAR PULVERIZER



FERTILIZER DRILL

The Planet Jr. No. 20 Fertilizer Drill will sow fertilizers evenly from 100 to 1,000 pounds per acre. With the material in any reasonable condition it will not clog; is galvanized, has no cogs, gears or stirring devices, and will give perfect satisfaction. The driving wheel is twenty inches in diameter with a two-inch face, with a series of pins on one side, which operate the agitator lever. The hopper holds one-half bushel, and an oscillating feeding shelf covers the open bottom of the hopper, and by a quick reciprocating motion feeds the fertilizers evenly through a rear discharge mouth, which is

DISC HOES



Adjustable, cuts and turns the soil, throws to or from the rows. Price, pair, **\$3.25**.

THREE-PRONG CULTIVATORS



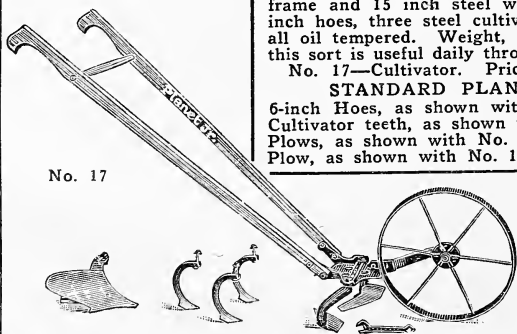
Outside teeth set to run deepest, teeth set staggered to prevent clogging. Price, pair, **\$2.00**.

DOUBLE MOULDBOARD PLOW



Furrows wide or narrow, hills much or little, adjustable from 10 to 14 inches. Price, each, **\$2.00**.

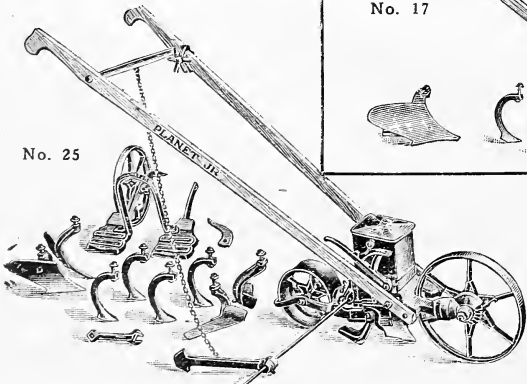
No. 20 Planet Jr. Fertilizer Drill. Price **\$36.50**.



No. 17

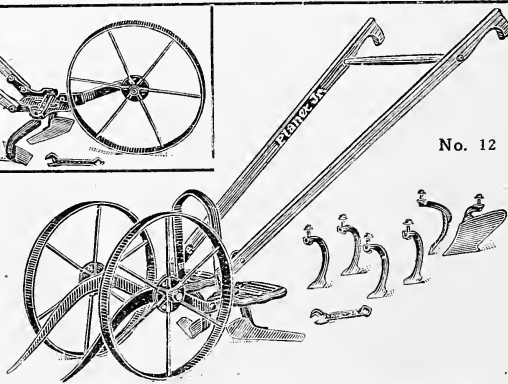


No. 25



STANDARD PLANET JR. ATTACHMENTS

6-inch Hoes, as shown with No. 25. Each.....	80c
Cultivator teeth, as shown with No. 25. Each.....	50c
Plows, as shown with No. 25. Each.....	95c
Plow, as shown with No. 17. Each.....	\$1.45



No. 12

J. S. Hubbard, Monroe, Oregon, writes
"We have lambs that weigh over 150 lbs., and we give Lilly's Lamb Meal credit for same."

LILLY'S
1923
ANNUAL

Standard Garden Tools



No. 1

No. 1H

Gardening pleasures are much enhanced if the seeds are planted right. This little Midget Seeder plants them right.

THE MIDGET SEEDER

The Midget is all metal construction but is extremely light and easy to lift about or empty. It operates very simply. The shoe is adjustable to any depth of planting. The coverer swings free and does its work nicely. The Midget will handle accurately almost any kind of garden seed from turnip to peas and beans. The hopper holds one pint yet it will drill out clean a **FIVE-CENT PACKAGE OF SEED** just as accurately as a hopper full. It has few parts and the adjustments for different seeds are easily made. The index on top being used as a guide. Full directions for operating are attached to each Midget. It can be easily attached to any single wheel cultivator, having $5\frac{1}{2}$ inches or more space between the shank and wheel, or can be operated with the single handle as shown in the illustration. Packed one in a carton. Weight 6 lbs.

No. 1—Midget Seeder (no handle). Each **\$4.25**.

No. 1H—Midget Seeder with handle. Each **\$4.95**.

STANDARD HIGH WHEEL CULTIVATOR

It runs easy, steady and in perfect balance on the light, strong 24-in. steel wheel. Has bent oak handles and is adjustable to suit the height of the operator or to regulate the depth of cultivation and due to the special shape of the shank the attachments always set at the proper angle regardless of the depth it is run.

No. 20, with one double-end steel shovel, one moldboard plow with landside, one combined rake and bevel-pointed hoe, and wrench. Weight, packed for shipment, 20 pounds.

Price complete, **\$5.25**. If wanted with the Midget Seeder, order No. 21, Wt. 26 lbs., Price, each, **\$9.25**.

THE AMERICAN GARDENER

This single wheel cultivator has a 14-in. steel oval spoke wheel with a $1\frac{1}{4}$ -in. tire. Its complete equipment includes a thin blade scuffle hoe, 9 inches wide, a large Moldboard Turning Plow with Landside and five strong and heavy adjustable Cultivator teeth, all of which are permanently attached to a revolving center casting.

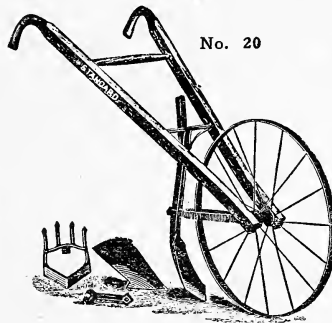
To change it from one tool to another it is only necessary to loosen the hand wheel, turn the desired tool in place and tighten the wheel. The Midget Seeder can be attached on the revolving center in place of the plow.

No. G2X—Cultivator. Wt. 22 pounds. Price **\$8.25**.

If wanted with the Midget Seeder order No. G2XM—Weight complete 28 lbs.. Price, each, **\$13.25**.



No. 21



No. 20



No. G2X

IRON AGE GARDEN TOOLS

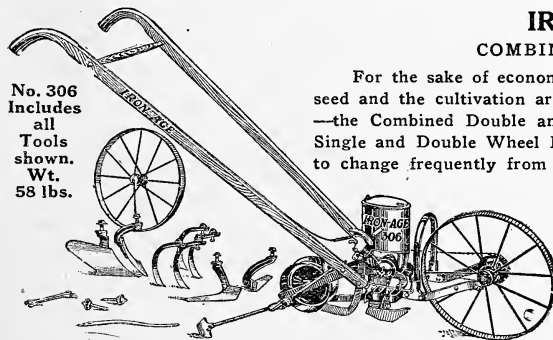
COMBINED SEED DRILLS AND WHEEL HOES

For the sake of economy, we offer the Combined Tools. In using these, the sowing of seed and the cultivation are performed by the use of the same tool. There are two forms—the Combined Double and Single Wheel Hoe, Hill and Drill Seeder, and the Combined Single and Double Wheel Hoe. We recommend Combined Tools wherever it is not desired to change frequently from the Seed Drill form to the heel Hoe form, or the reverse.

Our Combinations are, however, easily and quickly changed from one form to another. They are especially desirable in the home garden.

No. 306—As pictured below, a Combined Seeder and Cultivator. Price **\$17.95**.

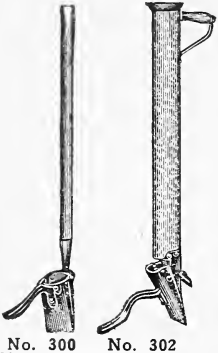
No. 301—Single and Double Wheel Hoe. Includes all Cultivating Tools shown. Wt. 42 lbs. Price **\$10.70**.



No. 306
Includes
all
Tools
shown.
Wt.
58 lbs.

Chas. Brumbaugh, White Bluffs, tells us
"I have had very good results from your seeds,
and find them the best I have ever used."

Planting Tools



ACME HAND CORN PLANTER

Two hand slide type, light, durable, accurate and easy to operate. Slide is adjustable and made of pressed steel, will not crack seed. Spring steel cut-off, Weight 5 lbs. No. 306—Price, each **\$1.35**.

ACME ROTARY AUTO-MATIC CORN PLANTER

Used in One Hand Like a Walking Stick. Can be used in either hand. This planter will accurately and easily plant your favorite number of kernels in every hill, all day long. Weight, packed for shipment, 6 pounds.

No. 309—Price, each, **\$2.75**.



GARDEN TROWEL
Pressed from one piece of heavy sheet steel, wide blade, Japanned finish.
No. 80—Price **25c**.

GARDEN SET
Consists of No. 80 Trowel, No. 81 Transplanter, No. 82 Weeder in cardboard box.
No. 83—Price **75c**.

GALVANIZED TROWEL
Heavy galvanized steel, handle and blade all in one piece. Low priced good tool.
No. 85—Price **10c**.



DANDELION WEEDER

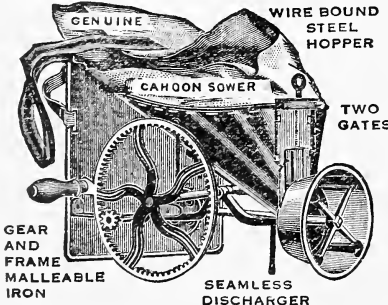
One piece stiff steel, ground point. For cutting asparagus and digging dandelions.
No. 88—Price **25c**.

CYCLONE SEEDER

With the Cyclone Broadcast Seeder you can sow any kind of seed perfectly even over the ground at the rate of fifty acres per day and any desired amount per acre. It will pay for itself in the saving of seed in a few hours' work. **CYCLONE CONSTRUCTION UNEQUALED.** Slope Feed Board: Keeps the hopper properly filled and insures a uniform flow of seed. Automatic Feed Adjustment: You can start or stop the flow of seed instantly by the touch of a lever—no waste of seed. Distributing Wheel: Scatters seed evenly. Throws equal amounts to equal distances on each side of operator.

CAHOON BROADCAST SEEDER

The Cahoon Broadcast Seed Sower is a compact, easily operated machine and is guaranteed to give satisfaction in every way. Can be used for both grains and grasses and full instructions for use accompany each machine. Malleable iron frame and gears, steel shafts, sheet steel hopper and breastplate, heavy duck seed bag, seamless steel discharger.



WIRE BOUND STEEL HOPPER
Double seed gate, a small one for clover and grass seeds and a larger one for grains and coarser seeds. Will last a lifetime. Every machine fully warranted. Packed in strong cardboard carton. Weight each 6 pounds.

Every Farmer Should Own One.

Price, each, **\$5.50**.

ACME HAND POTATO PLANTER

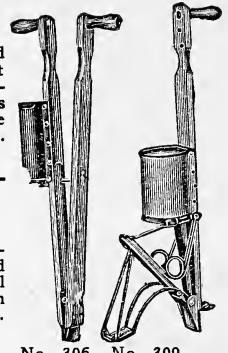
The original hand potato planter and the most popular one on the market today. The jaws are pressed steel riveted to a malleable frame in which is set the hardwood handle. Directions are secured to the handle. Weight $3\frac{1}{2}$ lbs.

No. 300—Price, each **\$1.25**.

ACME TUBULAR POTATO PLANTER

Good "hang" or balance; a comfortable handle, adjustable depth gauge and strong, sturdy construction, are special features of this planter. Galvanized iron tapered conveying tube, natural finish. No stooping. Weight 5 lbs.

No. 302—Price, each **\$1.90**.



TRANSPLANTER

Just the thing for transplanting. Made in one piece, Japanned finish.

No. 81—Price **25c**.



GARDEN WEEDER

One piece pressed steel, has five fingers, ground and polished points.

No. 82—Price **25c**.



HAND WEEDER

Made from one piece hard, stiff steel, ground edges, enameled handle.

No. 87—Price **15c**.



MASTERS PLANTER

Our Best Selling Argument Is the Work That It Does. It Makes Good Wherever It Goes.

A wonderful labor saver for transplanting cabbage, tomatoes, cauliflower, kale, and many other plants.

Any man can set 8,000 to 15,000 plants per day. Easy, pleasant work and more than three times as fast as hand setting. Each plant set, watered and covered in one operation, without any stooping.

The roots of each plant are put into the ground in a natural position and firmly set by the absorption of water into the ground.

Don't wait for rain, set your plants when you are ready; you will scarcely lose a single plant in a whole field even in hot, dry weather. Strong and well made, will last for years, works successfully on side hills among stumps or on level ground.

Weight, each 5 lbs. Price, each **\$6.00**.



CULTIVATE, CULTIVATE, CULTIVATE

Cultivate Often to Kill Weeds and Save Moisture

The first requirement in gardening is proper and thorough tillage. Fall spading or plowing followed in the spring by pulverizing gives the best results. Fall plowing is best because winter freezing breaks up the soil, sods, and clod into finer particles, permits the nitrogen in the snow to soak into the soil, exposes the garden insect pests to the killing frost and birds, and permits working the soil very early in the spring.

J. A. Peterson, Templeton, Calif., states
"I have used Lilly's Lice Killer for a long time and find it exceedingly good."

LILLY'S
1923
ANNUAL

Planting Table for Vegetable Garden

SEED	Quantity Required	Per Acre	Depth	Dist. Apart		When to Sow	Ready for Use
				Rows	In Row		
Artichoke, Globe, Seed	1 oz. for 500 plants.	6 oz.	1 in.	1 ft.	3 in.	Spring	Second summer
" Globe, Plants	17 plants for 100 ft.			3 ft.	2 ft.	Spring	Summer
" Jerusalem	3 lbs. for 100 feet.	600 lbs.	3 in.	3 ft.	2 ft.	Early spring	Late summer
Asparagus, Seed	1 oz. for 500 plants.	4 lbs.	1 in.	1 ft.	3 in.	Early spring	Third Spring
" Plants	50 plants for 100 ft.	1000 to 5000		4 ft.	14 in.	Spring	Second spring
Beans, Dwarf	1 lb. to 100 feet.	60 lbs.	2 in.	2 ft.	4 in.	Late Spring	45 to 65 days
" Pole	1 lb. to 200 hills.	30 lbs.	2 in.	4 ft.	3 ft.	Late Spring	75 days
Beets, Table	1 oz. for 50 feet.	6 lbs.	1 in.	1 ft.	3 in.	Early spring	65 days
Broccoli	1 oz. for 2000 plants	3 oz.	1/2 in.	2 ft.	12 in.	Spring	Winter
Brussels Sprouts	1 oz. for 2000 plants	3 oz.	1/2 in.	2 ft.	18 in.	Early spring	Fall and winter
Cabbage	1 oz. for 2000 plants	3 oz.	1/2 in.	2 ft.	18 in.	Early spring	90 to 150 days
Carrot	1 oz. for 125 feet.	4 lbs.	1/2 in.	1 ft.	2 in.	Early spring	Early summer
Cauliflower	1 oz. for 3000 plants	2 oz.	1/2 in.	2 ft.	18 in.	Early spring	110 days
Celeriac	1 oz. for 3000 plants	2 oz.	1/2 in.	2 ft.	5 in.	Early spring	Fall and winter
Celery	1 oz. for 3000 plants	2 oz.	1/2 in.	3 ft.	6 in.	Spring	6 months
Chervil	1 oz. for 100 feet.		3/4 in.	1 ft.	4 in.	Early spring	Summer
Chicory	1/4 oz. for 100 feet.	4 lbs.	1/2 in.	1 ft.	3 in.	Early spring	4 months
Collards	1/4 oz. for 100 feet.	3 oz.	1/2 in.	18 in.	14 in.	Spring	Fall
Corn, Sweet	1 lb. for 200 hills.	15 lbs.	2 in.	3 ft.	3 ft.	Late Spring	80 to 100 days
Corn Salad	1 oz. for 50 feet.		1/2 in.	1 ft.	3 in.	Early spring	100 days
Cress, Peppergrass	1 oz. for 150 feet.	12 lbs.	1/2 in.	1 ft.	3 in.	Spring	Summer
Cucumber	1 oz. for 100 hills.	3 lbs.	1 in.	6 ft.	4 ft.	Late Spring	3 to 4 months
Egg Plant	1 oz. for 2000 plants	4 oz.	1/4 in.	2 ft.	18 in.	In hot bed	160 days
Endive	1 oz. for 400 feet.	4 lbs.	1/2 in.	18 in.	8 in.	Spring	Summer
Horseradish, Roots	70 roots for 100 feet	15,000 Roots	4 in.	2 ft.	12 in.	Spring	Fall
Kale	1 oz. for 200 feet.	2 lbs.	1/2 in.	18 in.	12 in.	Spring or fall.	45 days
Kohl-Rabi	1 oz. for 150 feet.	4 lbs.	1/2 in.	18 in.	6 in.	Spring or fall.	4 months
Leek	1 oz. for 200 feet.	4 lbs.	1/2 in.	14 in.	4 in.	Early spring	Late summer
Lettuce	1 oz. for 400 feet.	4 lbs.	1/4 in.	18 in.	8 in.	Early spring	65 days
Melon, Musk	1 oz. for 60 hills.	3 lbs.	1 in.	6 ft.	4 ft.	Late Spring	4 months
" Water	1 oz. for 30 hills.	3 lbs.	1 in.	8 ft.	6 ft.	Late Spring	4 months
Okra, or Gumbo	1 oz. for 100 feet.	8 lbs.	1 in.	4 ft.	2 ft.	Late Spring	3 months
Onion, Seed	1 oz. for 300 feet.	4 lbs.	1/2 in.	1 ft.	3 in.	Early spring	4 to 5 months
" Sets	1 lb. for 40 feet.	250 lbs.	1 in.	1 ft.	1 1/2 in.	Early spring	Spring
Parsley	1 oz. for 300 feet.	3 lbs.	1/2 in.	1 ft.	4 in.	Early spring	Summer
Parsnip	1 oz. for 400 feet.	3 lbs.	1/2 in.	18 in.	3 in.	Early spring	4 months
Peas	1 lb. for 50 feet.	60 to 125 lbs.	3 in.	3 ft.	2 in.	Early spring	8 to 12 weeks
Pepper	1 oz. for 1500 plants	3 oz.	1/4 in.	2 1/2 ft.	18 in.	In hot bed	5 months
Potato	5 lbs. for 100 feet.	500 to 700 lbs.	4 in.	2 1/2 ft.	18 in.	Spring	July to Sept.
Pumpkin	1 oz. for 30 hills.	4 lbs.	2 in.	8 ft.	8 ft.	Late Spring	4 to 5 months
Radish	1 oz. for 100 feet.	10 lbs.	1/2 in.	1 ft.	2 in.	Early spring	30 to 45 days
Rhubarb, Seed	1 oz. for 50 feet.	1 lb.	1/2 in.	1 ft.	4 in.	Spring	2 years
" Plants	35 plants for 100 ft.	2000 plants	6 in.	4 ft.	3 ft.	Spring	1 year
Ruta Baga	1 oz. for 150 feet.	3 lbs.	1/2 in.	15 in.	6 in.	Spring & summer.	3 months
Salsify	1 oz. for 50 feet.	8 lbs.	1/2 in.	1 ft.	2 in.	Early spring	5 months
Spinach	1 oz. for 100 feet.	8 lbs.	1/2 in.	1 ft.	3 in.	Spring & fall	45 days
Squash, Bush	1 oz. for 25 hills.	3 lbs.	2 in.	4 ft.	4 ft.	Late Spring	65 days
" Winter	1 oz. for 12 hills.	3 lbs.	2 in.	12 ft.	12 ft.	Late Spring	125 days
Tomato, Seed	1 oz. for 2000 plants	2 oz.	1/4 in.			In hot bed	150 days
Turnip	1 oz. for 150 feet.	3 lbs.	1/2 in.	1 ft.	3 in.	Spring & summer.	60 to 75 days

QUANTITY OF FARM SEEDS USUALLY SOWN

	Lbs. Per Acre		Lbs. Per Acre
Alfalfa	8 to 12	Grass, Meadow Fescue	20 to 25
Alsike	6 to 8	" Brome	15 to 20
Artichokes, Jerusalem	600	" Crested Dog's Tail	20 to 30
Barley	100	" Tall Meadow Oat	20 to 25
Beet, Mangel or Sugar	5 to 6	" Velvet, or Mesquite	25 to 30
Broom Corn	6 to 8	" Sheep's Fescue	20 to 30
Buckwheat	40 to 60	" Fine Leaved Fescue	20 to 30
Carrot, Stock	3 to 4	" Hard Fescue	20 to 30
Clover, Alsike	6 to 8	" Red or Creeping Fescue	20 to 30
" Sweet	15 to 20	" Pasture Mixture	25 to 30
" Red	8 to 12	" Hay Mixtures	25 to 30
" Mammoth Red	8 to 12	" Sudan	15 to 25
" Crimson	10 to 15	Hemp	25 to 30
" White, for pasture	6 to 8	Kale, Thousand Headed	2 to 3
Corn, Field	10 to 15	Kaffir Corn	8 to 12
" Fodder, in drills	25 to 40	Mangel Wurzel	5 to 6
" Pop	5 to 10	Millet	20 to 30
Emmer, or Speltz	100	Oats	85 to 100
Ferfita	10	Peas, Field	90 to 120
Flax, for seed	30	Potatoes	500 to 700
" for fiber	50	Rape, Dwarf Essex	3 to 5
Grass, Kentucky Blue, for pasture.	15 to 25	Ruta Baga	2 to 3
" Canadian Blue, for pasture.	15 to 25	Rye	90 to 120
" Timothy	8 to 12	Soja Beans	25 to 30
" Red Top, Unhulled	15 to 20	Sorghum, in drills	8 to 10
" Red Top, Hulled	8 to 10	Turnip	2 to 3
" English or Perennial Rye.	20 to 30	Vetch, Common or Spring	60 to 100
" Italian Rye	20 to 30	" Hairy or Winter	30 to 40
" Orchard	20 to 30	Wheat	80 to 100

B. F. McHenry, Olympia, says
 "I find Lilly's Lice Killer convenient in application and sure in its effects."

INDEX

VEGETABLE SEEDS

Anise..... 15	Catnip..... 15	Cucumber..... 14	Lettuce..... 16-17	Potatoes..... 27	Sweet Marjoram 15
Artichoke..... 2-27	Cauliflower..... 10	Dill..... 15	Mushroom..... 18	Pumpkin..... 23	Swiss Chard..... 5
Asparagus..... 2	Celery..... 11	Egg Plant..... 15	Muskmelon..... 18	Radish..... 28-29	Tansy..... 15
Basil, Sweet..... 15	Celeriac..... 11	Endive..... 15	Mustard..... 19	Rhubarb..... 23	Thyme..... 15
Beans..... 3-4	Chicory..... 11	Fennel..... 15	Okra..... 19	Rosemary..... 15	Tobacco..... 31
Beet..... 5	Chives..... 11	Herb Seeds..... 15	Onion..... 20-21	Ruta Baga..... 32-59	Tomato..... 31
Broccoli..... 4	Citron..... 19	Horehound..... 15	Onion Sets..... 22	Sage..... 15	Turnip..... 32
Brussels Sprouts..... 4	Collards..... 11	Kale..... 17	Parsley..... 22	Salsify..... 23	Vegetable Plants 31
Cabbage..... 6-7-8	Corn, Sweet..... 12-13	Kohl Rabi..... 15	Parsnip..... 22	Spinach..... 29	Watermelon..... 19
Caraway..... 15	Corn Salad..... 15	Lavender..... 15	Peas..... 24-25-26	Squash..... 30	Wormwood..... 15
Carrot..... 9-59	Cress..... 15	Leek..... 15	Pepper..... 23	Summer Savory 15	

FLOWER SEEDS

Ageratum..... 37	Canterbury Bells 40	Dianthus..... 38-43-44	Larkspur..... 40	Petunia..... 41	Sunflower..... 44
Alyssum..... 33-37	Carnation..... 38	Digitalis..... 39	Lobelia..... 40	Phlox..... 44	Sun Plant..... 43
Antirrhinum..... 37	Castor Bean..... 43	Echinocystis..... 39	Love-in-a-Mist.. 41	Pinks..... 43	Sweet Alyssum..... 33-37
Arabis..... 37	Celosia..... 38	Eschscholtzia..... 39	Lupins..... 40	Poppies..... 39-41	Sweet Peas 34-35-36
Asters..... 36-37	Centaurea..... 38	Evening Glory..... 40	Marigold..... 41	Portulaca..... 43	Sweet Sultan..... 38
Baby's Breath..... 40	Chrysanthemum 38	Floss Flower..... 37	Marvel of Peru..... 41	Pot Marigold..... 37	Sweet William..... 44
Balsam..... 38	Cineraria..... 38	Forget-Me-Not..... 41	Mignonette..... 41	Primrose..... 43	Tagetes..... 41
Bachelor's Button..... 38	Cockscorn..... 38	Four-o'Clock..... 41	Mirabilis..... 41	Primula..... 43	Verbenas..... 44
Bellis..... 38	Convolvulus..... 43	Foxglove..... 39	Moon Flower..... 41	Pyrethrum..... 43	Violets..... 44
Calendula..... 37	Cornflower..... 38	Golden Feather..... 43	Vine..... 40	Ricinus..... 43	Wallflower..... 44
California Poppy..... 38	Cosmos..... 38	Gypsophila..... 44	Morning Glory..... 41	Rock Cross..... 37	Wild Cucumber.. 39
Calliopsis..... 38	Cup and Saucer Vine 38	Helianthus..... 44	Nasturtium..... 42	Sage, Flowering..... 44	Wild Flower..... 44
Campanula..... 40	Daisy..... 39	Hollyhock..... 40	Nasturtium..... 42	Salpiglossis..... 43	Garden..... 44
Canary Bird..... 38	Delphinium..... 40	Iberis..... 39	Nigella..... 41	Salvia..... 44	Zinnias..... 44
Vine..... 38	Devil-in-a-Bush 41	Ipomoea..... 40	Painted Tongue 43	Snapdragon..... 37	
Candytuft..... 39		Lady's Slipper..... 38	Pansies..... 43	Stocks..... 44	

GRASS AND CLOVER SEEDS

Alfalfa..... 45	Clover, Hubam..... 58	Tail..... 48	Italian Rye..... 48	Orchard Grass..... 48	Sudan Grass..... 49
Alsike..... 46	Clover, Mammoth..... 46	English Rye..... 48	Grass..... 48	Pasture Mixtures..... 49	Sweet Clover..... 46
Blue Grass..... 47	Clover, Red..... 46	Grass..... 48	Kentucky Blue..... 47	Red Fescue..... 49	Tall Meadow Oat Grass..... 48
Bokhara Clover..... 46	Clover, Sweet..... 46	Fine Leaved..... 47	Grass..... 47	Red Top..... 47	Timothy..... 47
Brome Grass..... 47	Clover, White..... 46	Florin..... 49	Lawn Mixtures..... 49	Rye Grass..... 48	Velvet Grass..... 48
Canadian Blue Grass..... 47	Creeping Bent..... 47	Hard Fescue..... 49	Front Cover..... 49	Sheep's Fescue.. 49	
Clover, Crimson.. 46	Crested Dog's Tail..... 48	Hay Mixtures..... 49	Meadow Fescue.. 49		

FARM SEEDS

Barley..... 51	Carrot, Stock..... 60	Emmer..... 57	Mangel Wurzel..... 60	Rape..... 61	Speltz..... 57
Beets, Stock..... 60	Celery, Wild..... 58	Feterita..... 58	Marrow Cabbage 61	Rutabaga..... 59	Sunflower..... 57-58
Beets, Sugar..... 60	Chou Moellier..... 61	Flax Seed..... 58	Millet..... 58	Rye..... 56	Turnip, Swedish 59
Broom Corn..... 58	Corn, Field..... 64	Kaffir Corn..... 58	Oats..... 52-53	Soy Beans..... 58	Vetch..... 55
Buckwheat..... 58	Corn, Popping 58-69	Kale..... 61	Peas, Field..... 57	Sorghum..... 53	Wheat..... 50

FERTILIZERS

Animal..... 65	Fish..... 65	Land Plaster..... 64	Orchard Special 63	Sulphate of Ammonia..... 64	Tankage..... 65
Blood & Bone..... 65	Ground Lime..... 65	Lilly's Mor-crop..... 62-63	Potato Special.. 63	Sulphate of Potash..... 64	Treble Superphosphate..... 64
Bone Meal..... 65	Rock..... 64	Muriate of Potash..... 64	Superphosphate 64	Sulphur Toro Brand..... 64	Whale Meat & Bone..... 65
Chemical..... 64	Gypsum..... 64	Nitrate of Soda..... 64	Sheep Guano..... 65		
Double Morcrop..... 63	Hydrate of Lime..... 64		Stimulant..... 66		

POULTRY, DAIRY AND STOCK SUPPLIES

Adelphia Bird Seed..... 75	Buttermilk..... 70	Egg Boxes..... 81	Hatching Egg..... 81	Oats for Poultry 73	Poultry Remedies..... 79
Alfalfa Meal..... 68	Calf Meal..... 72	Egg Cartons..... 81	Shipping Boxes..... 81	Oats Ground..... 68	Poultry Supplies..... 80-85
Argentine Meat Scraps..... 72	Caponizing Instruments 81	Egg Mash..... 70	Hog Feeds..... 69	Oats Rolled..... 68	Puffs Remedies..... 84-85
Baby Chick Starter..... 71	Champion Dog Foods..... 75	Egg Scale..... 80	Hogers..... 77	Oats for Dairy Slat Sprouters.. 69	Punches..... 80
Barley Feed..... 68	Charcoal..... 73	Egg Tester..... 80	Incubators..... 76	Oil Cake Meal..... 83	Puritan Lime..... 80
Barley Clipped.. 73	Chick Food..... 73	Epson Salts..... 79	Insecticides..... 69	Oyster Shell..... 74	Remedies Pet Stock..... 75
Barley Ground..... 68	Chick Mash..... 72	Fattening Mash..... 72	Lamb Meal..... 69	Pet Stock Foods..... 75	Roup Remedy..... 79
Barley Rolled..... 68	Corn Feed..... 68	Fish Flakes..... 72	Lamps..... 78	Pet Stock Foods..... 75	Scratch Food..... 73
Bee Supplies..... 67	Cocoanut Meal..... 69	Fish Meat Meal 72	Leg Bands..... 81	Spratts..... 75	Semi-Solid Buttermilk..... 74
Beet Pulp..... 75	Corn Cracked..... 73	Flax Seed..... 69	Lice Liquid..... 79	Petlick Salt..... 75	Shell Fluo..... 74
Bird Rape..... 75	Corn Feed..... 68	Fly Liquid..... 91	Lice Powder..... 79	Spools..... 75	Sodium Fluoride..... 79
Bird Millet..... 75	Meal..... 68	Fountains..... 82	Life Insurance..... 80	Pigeon Feeders 83	Soy Bean Meal..... 69
Blood Meal..... 65	Corn Whole..... 73	Automatic..... 82	Live Chick Shipping Boxes..... 81	Pigeon Food..... 73	Sterilized Dairy Bone Meal..... 68
Bone Granulated..... 74	Cottonseed Meal..... 69	Grit..... 74	Makemfat..... 69	Pigeon Nests..... 83	Thermometers..... 78
Brooders..... 77	Creola..... 80	Grit & Shell Boxes..... 83	Mash Hoppers.. 83	Pig Meal..... 69	Tobacco Ground..... 79
Eut-er-fat..... 68	Dairy Feeds..... 80	Growing Food..... 73	Meat Scraps..... 72	Poultry Feeders 83	Waterglass..... 80
Buttermilk..... 74	Dairy Salt..... 75	Growing Mash..... 72	Moulting Mash 72	Poultry Food..... 73	Wheat Feed..... 73
Dried..... 74	Digester Tankage..... 69	Guaranteed Fountain..... 81	Nest Eggs..... 80	Poultry Fountains..... 82	Wire Hen Nests 88
Buttermilk Chick Mash.. 72			Nests..... 80	Poultry Pepper.. 79	

SPRAY MATERIALS AND APPLIANCES

Arsenate of Lead..... 88	Bordo-Arsenate..... 88	Extension Rods..... 86	Solution..... 89	Sulphur Crude..... 88	Spray..... 89
Black Leaf 40..... 89	Creosote..... 91	Fish Oil Soap..... 89	Nozzles..... 87	Sulphur Powder..... 88	Tobacco Dust..... 88
Bluestone..... 88	Dosch Garden Dust..... 88	Formaldehyde..... 88	Powder Spray..... 87	Sulphur Compound..... 88	Tree Tanglefoot..... 89
Bordeaux Mixture..... 88	Duster..... 88	Kresol..... 89	Pumps..... 86	Tobacco Paper..... 89	Woodlark Poison..... 91
Carbolineum..... 91	Dust Sprays..... 88	Liquid..... 81	Rax..... 86		
		Lime & Sulphur..... 86-87	Sprayers..... 86-87		

IMPLEMENTS AND MISCELLANEOUS

Budding Knives..... 90	Creola..... 80	Mole Traps..... 91	Planting Tools.. 94	Puritan Lime..... 80	Seeders, Garden 93
Cultivators..... 92-93	Glazing Points.. 90	Permanite..... 90	Plant Boxes..... 90	Raffia..... 90	Shears, Pruning.. 90
Horticultural Supplies..... 90	Labels, Pot..... 90	Planters, Corn.. 94	Savo..... 90	Seeders, Broad-cast..... 94	Stakes, Garden.. 90
Grafting Wax..... 90	Labels, Tree..... 90	Planters, Potato 94	Plant Setter..... 94	Seeders, Grass.. 94	Tarx..... 81
	Maggotbathe..... 66	Planting Table.. 95	Pots Paper..... 90		Thermometers..... 78
					Traps..... 91

While we (The Chas. H. Lilly Co.) exercise care to have all seeds pure and true to name, we do not give any warranty, expressed or implied, as to description, quality, productiveness, or any other matter of seeds we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, we are to be at once advised, and money paid for same will be promptly refunded.



No. _____

Date.....

Name.....

R. F. D. No.

Post Office..... State..... Box No.....

Box No.

Station..... County..... agent here

Is there an

Ship by (Mail, Express or Freight)

PLEASE WRITE NOTHING BUT THE ORDER AND SHIPPING INSTRUCTIONS ON THIS SHEET

The Chas. H. Lilly Co. give no warranty, expressed or implied as to description, purity, productiveness or any other matter of any seeds they send out and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms they are at once to be returned.

[illegible]

[illegible]

**Convincing
Proof**

MORCROP

FERTILIZER TESTS



For other
fertilizers
see pages
62-63

FERTILIZER TREATMENT PLOTS SHOW LARGE RETURNS

During the last week of June, Professor Leonard Hegnauer, state college extension specialist in soils and crops held a number of meetings at the various fertilizer demonstration plots. In company with the county agent all plots in the county were visited. He stated that these plots showed highly satisfactory results—even better than last year.

The second year fertilizer plot of strawberries on E. H. Jones' farm at Hunters Point showed 100 crates increase from the use of complete fertilizer (2-10-2). This bed was set in the fall of 1920, was fertilized in the spring of 1921 and again in 1922. It was allowed to bear in 1921 when the superphosphate plot ($\frac{1}{4}$ acre) yielded 20 quarts to $8\frac{1}{2}$ for the adjoining untreated plot, $16\frac{1}{2}$ for 2-10-2, 16 for potash and $12\frac{1}{2}$ for nitrate of soda. The plants on the superphosphate plot, making the heavy yield did not make as good plant growth as did the other fertilized

MADE BY

Prof. Leonard Hegnauer

Soil Specialist
Washington State College

in co-operation with

E. B. Stookey

County Agent
Thurston County, 1922

plots. This plot was further hampered by containing a poor area of soil where a stump had been removed. It should be explained also that picking was discontinued before all of the berries were harvested. The unfertilized plots were almost through bearing but there were many berries yet on the fertilized plots. The yields recorded were as follows:

Crates
Per Acre

2-10-2, 500 lbs. Morcrop .	339
Untreated	239
Nitrate of soda, 100 lbs.....	315
Superphosphate, 300 lbs....	222 $\frac{1}{2}$
Untreated	237 $\frac{1}{2}$
Muriate of potash, 150 lbs.	285

Reprint from July issue Thurston
County Farm Bureau News

The 2-10-2 Fertilizer used
on these tests is

MORCROP

manufactured and supplied
by

THE CHAS. H. LILLY CO.

With berries selling at \$1.75
per crate, the use of Morcrop
gave an increased income of

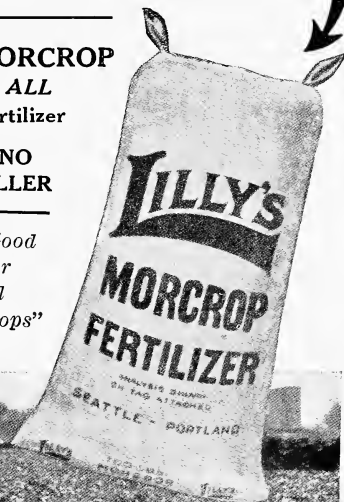
\$175.00 Per Acre

in return for an investment of
\$12.50 in fertilizer.

MORCROP
Is **ALL**
Fertilizer

—NO
FILLER

"Good
For
All
Crops"



A Western Washington Strawberry Field Fertilized With "MORCROP"

LILLY'S

PUGET
SOUND
SEEDS
FEEDS

A Good Name
- Well Known

LILLY'S
"Life Insurance" Feed
Sterilized
Baby Chick Starter
A Scientific
COOKED MASH
FOOD
for
BABY CHICKS
The Proven Life Saver
at the most critical
period of a Chicken's
Life.
"IT'S COOKED"
Put up in cartons, also
25-lb. and 100-lb.
bags. See also page 71.

Contains
Buttermilk



Western
America's
Greatest Seed House

Established 1885.